

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

O.A. NO. 617 OF 2022

IN THE MATTER OF:

PUSHPENDER

...APPLICANT

VERSUS

STATE OF UTTAR PRADESH & OTHERS

...RESPONDENTS

INDEX

S. NO.	PARTICULARS	PAGE NO.
1.	Additional Reply on behalf of Respondent no. 5, Ultratech Cement Limited in compliance with order dated 24.04.2023 along with affidavit	1 – 8
2.	<u>ANNEXURE A:</u> Copy of the order dated 9 th May 2023 passed by the Hon'ble High Court of Delhi in Writ Petition (C) No. 5809 of 2023	9 – 14
3.	<u>ANNEXURE B:</u> Copy of the latest compliance status chart of the Environmental Clearance issued to Respondent No. 5	15 – 152
4.	<u>ANNEXURE C:</u> Copy of the latest compliance status chart of the Consent to Operate granted to the Answering Respondent	153 – 206
5.	Proof of service	207

FILED BY:

THROUGH:

Vanita Bhargava

KHAITAN & CO
ADVOCATES FOR THE RESPONDENT NO. 5
1105, ASHOKA ESTATE
24, BARAKHAMBA ROAD
NEW DELHI-110 001
PHONE NO: + 91 11 4151 5454
vanita.bhargava@khaitanco.com
Mob. No. 9911180884

DATE: 15.05.2023

PLACE: NEW DELHI

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI**

O.A. NO. 617 OF 2022

IN THE MATTER OF:

PUSHPENDER

...APPLICANT

VERSUS

STATE OF UTTAR PRADESH & OTHERS

...RESPONDENTS

**ADDITIONAL REPLY ON BEHALF OF RESPONDENT NO. 5,
ULTRATECH CEMENT LIMITED IN COMPLIANCE WITH ORDER
DATED 24.04.2023**

MOST RESPECTFULLY SHOWETH:

1. The abovementioned Original Application has arisen on account of this Hon'ble Tribunal taking *suo moto* cognizance of a letter petition filed by Applicant abovenamed alleging that Respondent no.4 and Respondent no.5 are causing air pollution in the village and the nearby area due to storage of cement brought by trucks. It has also been alleged that the said companies are discharging waste water which has contaminated drinking water in the area and have rendered the same unfit for consumption. On the basis of the said averment this Hon'ble Tribunal had constituted a Joint Committee vide order dated 29.09.2022 to submit a fact finding report.

The report filed by the Joint Committee categorically found that even though there are certain deficiencies, however there are no major violations causing air or water pollution. Further drinking water was not found to be contaminated. Certain remedial measures were recommended.

2. The answering Respondent had filed a detailed reply to the report of the Joint Committee dated 18.4.2023 stating how the remedial measures recommended by the Committee have been taken. The compliance reports of EC/CTO conditions were also placed on record. The details of CSR activities were also placed on record.

The contents of the said reply are not being repeated for the sake of brevity and may be read as part and parcel of the present reply.

3. The present additional reply is being filed on behalf of the Answering Respondent in compliance with the directions of this Hon'ble Court passed on 24.04.2023 whereby this Hon'ble Tribunal directed the answering Respondent to file, in tabular form, the compliance status with respect to each EC/CTE/CTO consent conditions and also the activities carried out by them in discharge of their corporate social responsibility with relevant documents.
4. The answering Respondent humbly submits that in light of the judgment passed by the Hon'ble Supreme Court in the case of Municipal Corporation of Greater Mumbai v. Ankita Sinha [2021 SCC Online SC

897], holding that in case of letter petitions, notice may be sent to sender of the letter petitioner to ascertain his bonafide and also to the affected parties before any order is passed, the Petitioner had preferred a Writ Petition against the orders passed by this Hon'ble Tribunal, before the Hon'ble High Court of Delhi being W.P. (c) No. 5809 of 2023 which was heard on 9th May 2023 along with other connected petitions raising similar issue.

The Hon'ble High Court while issuing notice in the said petition and staying the direction of appointment of amicus curiae, directed the answering Respondent to submit an action plan before the Hon'ble Tribunal as to how the deficiencies noted by the Joint Committee are being addressed. Copy of the order dated 9th May 2023 passed by the Hon'ble High Court of Delhi in W.P. (c) No. 5809 of 2023 is annexed hereto and marked as **ANNEXURE -A**

5. In pursuance to the aforementioned orders passed by this Hon'ble Tribunal and the Hon'ble High Court the Answering Respondent by way of the present additional reply is placing on record the following:
 - (i) The latest compliance status for the period January 2023 till date, in tabular form, showing compliance of the conditions set out in the Environmental Clearance granted to the answering Respondent. A copy of the compliance status chart of the Environmental Clearance

issued to the Answering Respondent is annexed hereto and marked as **Annexure -B**.

- (ii) The latest compliance status for the period January 2023 till date, in tabular form, showing compliance with the Consent to Operate issued under the Water (Prevention and Control of Pollution) Act, 1975 and Air (Prevention and Control of Pollution) Act, 1981. A copy of the compliance status chart of the Consent to Operate granted to the Answering Respondent is annexed herewith and marked as **Annexure C**. The sampling reports show that parameters are not exceeded.
 - (iii) The action plan with respect to the six recommendations made by the committee to take care of the deficiencies is already stated in the earlier reply dated 18.4.2023 at Pages 7-22.
 - (iv) It is submitted that undertaking CSR activities is a condition of EC as well. The same have been undertaken by the answering Respondent and forms part of the compliance status chart of EC (Annexure -9 to the chart) annexed to the present reply as Annexure -B.
6. It is therefore submitted that the Answering Respondent is duly compliant with all conditions stipulated under the Environmental Clearance as well as the Consent to Operate. The allegations made in the Letter petition are

not substantiated. In view of the same, it is most respectfully prayed that this Hon'ble Tribunal may be pleased to dismiss the abovementioned Original Application.

RESPONDENT NO. 5

THROUGH:

Vanita Bhargava

**KHAITAN & CO
ADVOCATES FOR THE RESPONDENT NO.5
1105, ASHOKA ESTATE
24, BARAKHAMBA ROAD
NEW DELHI-110 001
PHONE NO: + 91 11 4151 5454
vanita.bhargava@khaitanco.com
Mob. No. 9911180884**

**DATE:15.05.2023
PLACE: NEW DELHI**



BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

O.A. NO. 617 OF 2022

IN THE MATTER OF:

PUSHPENDER

...APPLICANT

VERSUS

STATE OF UTTAR PRADESH & OTHERS

...RESPONDENTS

AFFIDAVIT

I, Amitabh Kumar, Son of Shri Prabhu Nath Agarwal, aged about 45 years, working for gain at UltraTech Cement Limited, Bara Cement Works, Post-Lohgara, Tehsil:Bara, Dist: Prayagraj-212107, do hereby solemnly affirm and state as under:

1. That I am the authorised signatory of the Respondent No.5 Company in the abovementioned Original Application and as such I am well conversant with the facts and circumstances of the present case, based on the information and knowledge as derived from the records maintained by the Respondent No.5 in its ordinary court of business.
2. That I have read the accompanying Additional Reply and I say that the same has been drafted under my instructions, and that the contents therein are true and correct to the best of my knowledge and belief.
3. That the Annexures filed along with the accompanying Additional Reply are true copies of their respective originals.

4. That the facts stated above in the above affidavit are true and correct to the best of my knowledge. No part of the same is false and nothing material has been concealed therefrom.

Amitabh Kumar

DEPONENT



VERIFICATION

I, Amitabh Kumar, the deponent above named to hereby verify that the contents of this affidavit are true and correct to the best of my knowledge and belief, no part of it is false and nothing material has been concealed therefrom.

Verified at Prayagraj on this 11th day of May, 2023.

Amitabh Kumar

DEPONENT

Amitabh Kumar
11/5/23

Amitabh Kumar
by the *BL Gupta* Clerk
on date *11/5/23*
Compound *11/5/23*
J.P. Accept and verified that the contents
of this affidavit are true and correct.

VIJAY BHARI VANDI
Notary
Prayagraj

\$~75

* IN THE HIGH COURT OF DELHI AT NEW DELHI

Date of Decision: 9th May, 2023

+ W.P.(C) 5809/2023 & CM APPL. 22747/2023

ULTRATECH CEMENT LIMITED Petitioner

Through: Mr. Pinaki Misra, Sr. Advocate with
Ms. Vanita Bhargava, Mr. Ajay
Bhargava, Mr. Shantanu Chaturvedi
& Ms. Perna Singh, Advocates.

versus

UNION OF INDIA & ORS. Respondents

Through: Mr. Kirtiman Singh, CGSC, Mr.
Waize Ali Noor, Ms. Shreya V
Mehra and Mr. Madhav Bajaj
Advocates for UOI. (M:
9910027557)
Mr. Balendu Shekhar, Mr. Sriansh
Prakash, Mr. Krishna Chaitanya,
Advocates. (M: 8434343838) with
Mr. Kamal Bandhu L.O.
Mr Arvind Kumar, Standing
Counsel and Mr Ankit Kumar Vats,
Advocates for R-3. (M:
9868001254)
None appeared for R-6**CORAM:****JUSTICE PRATHIBA M. SINGH****Prathiba M. Singh, J. (Oral)****W.P.(C) 5809/2023 & CM APPL. 22747/2023 (stay)**

1. This hearing has been done through hybrid mode.
2. The Petitioner-Ultratech Cement Ltd. has filed the present petition challenging the impugned orders passed by the National Green Tribunal (*hereinafter*, 'NGT') dated 29th September, 2022, 24th April, 2023 and 23rd

Validity unknown

Digitally Signed
By:DHIRENDER KUMAR
Signing Date:14.05.2023
19:07:19

W.P.(C) 5809/2023

Page 1 of 6

January, 2023 in OA No. 617 of 2022 titled '***Pushpender v. State of Uttar Pradesh and Ors***'.

3. The Petitioner has various grievances, ***firstly***, that the complaint made by Respondent No. 6-Pushpender before the NGT vide letter dated 23rd May 2022 contained very general allegations against the Petitioner. The said complaint is as follows:

*“Respected Sir,
I am Pushpendra Singh, Address Village Berai, Post Bevra, Shankargarh Police Station, Shankargarh Tehsil Bara, District Prayagraj, Uttar Pradesh.
Sir, there is Tata and Ultratech Cement company in our village. This company is spreading pollution in the entire village. Our village is just adjacent to the boundary of the company.
The company stores cement ash inside its boundary through trucks, which is causing air pollution in the entire village. And the dirty water of the company flows from the village itself, due to which water pollution is also happening. So, the water of the village is no longer fit or fit for drinking.
Therefore, respected sir I requested to take appropriate action against these companies and save the people of the village from pollution.”*

However, despite the said allegations being extremely general in nature, vide order dated 29th September, 2022, a *prima facie* finding was given by the NGT without hearing the Petitioners.

4. Mr. Mishra, Id. Sr. counsel appearing for the Petitioner relies upon the judgment of the Supreme Court in ***Municipal Corporation of Greater Mumbai v. Ankita Sinha [2021 SCC Online SC 897]*** to argue that NGT can receive communications and letters, and can even take *suo moto* cognizance of the matters published in the media, however, notice would have to be

issued to the sender of the communication or author of the news item, and also give a notice to the person likely to be affected.

5. It is further submitted on behalf of the Petitioner that in this case prior to arriving at a *prima facie* finding, no notice was issued to the Petitioner and a Joint Committee was appointed by the NGT vide order dated 29th September 2022 to verify the factual position. The said Joint Committee filed a report before the NGT dated 17th January, 2023. As per the said report, it is stated that the Committee found no major violations by the Petitioner and only certain recommendations were made in the said report. The said report of the Joint Committee was taken on record by the NGT vide order dated 23rd January 2023.

6. Thereafter, vide order dated 23rd January, 2023 and 24th April, 2023 an Advocate was appointed by the NGT as an *Amicus Curiae* to make multiple visits to the Petitioner's premises and the fee of the said Commissioner is to be borne by the Respondent No. 4-Uttar Pradesh Pollution Control Board (*hereinafter*, 'UPPCB'). Further, vide order dated 24th April 2023, it is stated that the NGT wrongly recorded that the Joint Committee has referred to environmental violations and has proceeded to make recommendations on that basis. Further, the Petitioner states the NGT also noted that remedial measures have not been taken by the Petitioner, which is contrary to record. The submission is that the NGT is not following the proper procedure which is required to be followed.

7. On behalf of the UPPCB, it is submitted by Mr. Arvind Kumar, Id. Counsel, that the report of the Joint Committee found violations on behalf of the Petitioner. However, insofar as the appoint of the *Amicus Curiae*, and the fee being borne by the UPPCB is concerned, it is submitted that the UPPCB

would not be having proper head of funds to pay the *Amicus Curiae* and that the said Commissioner may not have the expertise in this matter. Thus, the UPPCB also objects to the appointment of the Advocate-Commissioner.

8. On behalf of the Respondent No. 2-Central Pollution Control Board (*hereinafter*, 'CPCB'), Mr. Shekar, Id. Counsel submits that the orders of the NGT are appealable before the Supreme Court under Section 22 of the NGT Act, 2010 and consequently the present writ is not maintainable.

9. This Court has considered the matter. There is a similar matter being *W.P.(C) 13212/2022* titled '*Radico Khaitan v. Union of India*' wherein certain orders have already been passed.

10. *Firstly*, this Court notices that in the judgment of the Supreme Court in *Ankita Sinha (supra)* clearly, the principles of natural justice would have to be followed by the NGT. In fact, whenever a communication, letter etc., or even a *suo moto* action is sought to be taken, the issuance of a notice to the party who is likely to be effect would be mandatory. In this respect, the Supreme Court has held as follows:

"105. When the Registry of the NGT does indeed receive a communication or letter, including matters published in media, it may cause to initiate suo motu action by inviting attention of NGT to such matters in the form of office report. Such circumstances would however require a notice to be given to the sender of the communication or author of the news item, as the case may be, to assist the NGT in the course of hearing and to substantiate the factual matters. It must also be said that the exercise of suo motu jurisdiction does not mean eschewing with the principles of natural justice and fair play. In other words, the party likely to be affected should be afforded due opportunity to present their side, before suffering adverse orders."

Clearly, in the present case, while passing the order dated 29th September, 2022 and arriving at a *prima facie* finding based on a one page complaint, the Petitioner was not heard.

11. **Secondly**, the Court has also considered the order dated 24th April 2023 of the NGT insofar as it relates to appointment of the *Amicus Curiae*.

The said portion of the order dated is set out below:

“4. Vide order dated 23.01.2023, Ms. Jesal Wahi, Advocate was appointed as amicus curiae to assist this Tribunal in just and fair adjudication of the questions involved in the case. Learned amicus curiae may undertake such visits to the industries in question as considered necessary and respondents no. 4 and 5 are directed to allow the amicus curiae to make such visits. Learned amicus curiae may also submit report/suggestions regarding the questions relating to environment involved in the case within two weeks by email at judicial-ngt@gov.in preferably in the form of searchable PDF/OCR supported PDF and not in the form of Image PDF. The UPPCB is directed to pay an amount of Rs. 50,000/- to the learned amicus curie besides expenses incurred on transportation (including economy class Air fare), Boarding/Lodging and other related/incidental charges.”

12. While there can be no doubt that the NGT is duly empowered to appoint the *Amicus Curiae*, if the need so arises, clearly the same would have to be made after hearing all the parties concerned including the UPPCB inasmuch as the Advocate *Amicus Curiae* also ought to be having the requisite expertise in the matter.

13. In order to have a proper prescribed procedure in the manner in which NGT ought to proceed in such matters, let a short note be placed on record by the Petitioners, CPCB, UPPCB and the Respondent No. 1-MoEF within four weeks.

14. In the meantime, let the proceedings before the NGT shall continue. Since the report by Joint Committee has been submitted before the NGT, let the Petitioner place on record in the NGT, a detailed action plan dealing with any deficiencies which may have been pointed out in the said report and the manner in which it intends to address the said deficiencies.

15. The CBCP's report or the UPPCB's report in this regard would also be taken into consideration by the NGT. Further, Petitioner's action plan to deal with the deficiencies pointed out by the Joint Committee, if any, shall also be considered by the NGT before it may pass appropriate orders in accordance with law.

16. If any officer of the Petitioner wishes to appear before the NGT as permitted by the NGT, they may appear virtually or physically as advised.

17. The proceedings before the NGT shall, accordingly, be continued in the above terms.

18. List on 10th November, 2023.

PRATHIBA M. SINGH
JUDGE

MAY 9, 2023
dj/dn

UltraTech Cement Limited

UNIT-BARA CEMENT WORKS

At Bara Village –Khansemra, Post- Lohgara ,
Tehsil- Bara, Distt. Prayagraj (U.P)

Environmental Clearance Compliance Report



SIX MONTHLY EC COMPLIANCE REPORT
OCTOBER 2022 TO MARCH-2023



M/s UltraTech Cement Ltd.; Unit Bara Cement Works
Six Monthly EC Compliance Report for the period of
 Oct 2022 to March-2023

Name of the project	UltraTech Cement Ltd. (Unit-Bara Cement Works) At Bara Village –Khansemra, Post- Lohgara , Tehsil- Bara, Distt. Prayagraj
EC Letter no.	F No. J-11011/135/2012-IA II (I), dated 28.11.2014. EC Transferred from M/s Praygaraj Power Generation Co. Ltd. to M/s UltraTech Cement Ltd. vide letter no. F No. J-11011/135/2012-IA II (I), dated 17.09.2019
Reporting Period	01-Oct-2022 to 31-March- 2023

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS																					
i	The standards prescribed for cement plant vide the recent MOEF & CC Notification –GSR612(E) dated 25.08.2014 shall be implemented.	<p>The standards prescribed for cement plant vide the recent MOEF & CC Notification –GSR612(E) dated 25.08.2014 are being complied and emission level well below the 30 mg/Nm³. We have provided online continuous emission monitoring system for monitoring of particulate matter (PM) emission from the process stack of cement mill. The stack emission results of last six months are given below:-</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Stack-1 PM(mg/nm³)</th> <th>Stack-2 PM(mg/nm³)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>13.37</td> <td>14.95</td> </tr> <tr> <td>Nov-22</td> <td>17.57</td> <td>13.44</td> </tr> <tr> <td>Dec-22</td> <td>14.34</td> <td>16.16</td> </tr> <tr> <td>Jan-23</td> <td>13.6</td> <td>17.78</td> </tr> <tr> <td>Feb-23</td> <td>11.59</td> <td>14.94</td> </tr> <tr> <td>March-23</td> <td>12.88</td> <td>16.26</td> </tr> </tbody> </table>	Month	Stack-1 PM(mg/nm ³)	Stack-2 PM(mg/nm ³)	Oct-22	13.37	14.95	Nov-22	17.57	13.44	Dec-22	14.34	16.16	Jan-23	13.6	17.78	Feb-23	11.59	14.94	March-23	12.88	16.26
Month	Stack-1 PM(mg/nm ³)	Stack-2 PM(mg/nm ³)																					
Oct-22	13.37	14.95																					
Nov-22	17.57	13.44																					
Dec-22	14.34	16.16																					
Jan-23	13.6	17.78																					
Feb-23	11.59	14.94																					
March-23	12.88	16.26																					
ii	The Project shall comply with the new MOEF standards for particulate emission of for cement sector by installing adequate air pollution control system viz. Bag filters and stacks of adequate height etc. Data of ambient air, fugitive and stack emissions shall be submitted to the Ministry Regional office, SPCB and CPCB regularly.	We have Installed 35 Nos. of Bag filters at various material transfer points to control of fugitive dust emission and provided 04 nos of high efficiency Baghouse attached with Cement mill with adequate height of stack to comply the same. Data on stack emission, AAQ and fugitive emissions are being monitored regularly and the same are being submitted to the Ministry Regional office, CPCB and SPCB regularly. Monitoring reports of the MOEF approved laboratory are attached as Annexure-1																					

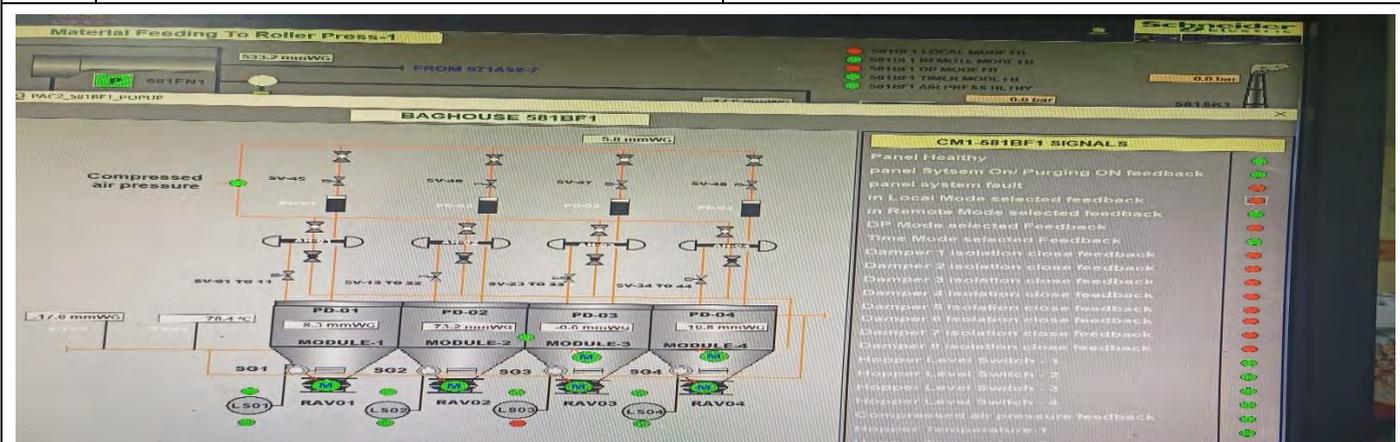
Cement Mill Bag House with Adequate Stack Height



Bag filter at material transfer tower



S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS	17
iii	The proponent shall provide an interlocking system to ensure that whenever the ESP is not in operation, the raw material feeder will automatically stop & restart only With the restart of ESP.	We have provided interlocking in system that whenever the Bag House is not in operation, the raw material feeder will automatically stop & restart only with the restart of Bag House.	



Bag house interlocking System

iv	A green belt of 50 to 100meter width shall be provided all along the boundary of the plant. 3 to 4 layer of local trees shall be planted in the green belt.	UltraTech has taken over the said Cement Grinding unit from Jaiprakash Associate Limited in the year 2020, after that we have developed the Green belt of 50 to 100-meter width all along theplant boundary with 3-4 layers of local plant species trees.However, due to natural calamity of flood situation in the area in the 01-08-2021 the plantation was demolished. Till now we planted 15,775 numbers of plants local plant species within the plant premises. We are in process to restore it and try to complete it by coming monsoon season. Action plan is attached as Annexure-2 .
----	---	---



Green Belt Plantation Photographs

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
v	All internal roads shall be paved to prevent dust emission within the plant premises. Strengthening of 1km approach road shall be taken up and avenue plantation developed.	Complied, all internal roads are paved to prevent dust emission within the plant premises and avenue plantation along the 1 km approach road has been done.
<div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;">   </div> <p style="text-align: center;">Concrete Road within the Plant Premises</p>		
vi	Closed conveyor belt be installed for transport of limestone to the plant. Dust collected in various pollution control equipment will be recycled.	It's standalone cement grinding unit, hence no limestone is used in process. The clinker sourced from our Integrated units through rail and automatically unloaded through the wagon tippler and stored in the closed storage Silo. The dust collected in various pollution control equipment is being recycled back in the process.
<div style="display: flex; justify-content: space-around;">   </div> <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <p>Closed Silo for Storage of Clinker</p> <p>Covered Conveyor Belt</p> </div>		
vii	Green belt (3-tier) of approximately 15-20m width shall be developed in vacant areas, transfer points covering a total area of 33% of total plant area. Tree plantation shall be in downwind based on the prevalent wind direction at site. The details of	UltraTech has taken over the said Cement Grinding unit from Jaiprakash Associate Limited in the year 2020, after that we have developed 3-tier Green Belt plantation in vacant areas, and along the roads and transfer points covering a total area of 6.6 hectare

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
	these including photographs taken in time series consistent for the same season every year shall be submitted as part of six- monthly compliance report.	i.e.33% of the total plant area of 20 hect. However, due to natural calamity of flood situation in the area in the August-2021 the plantation was demolished. Till now we planted 15,775 numbers of plants local plant species within the plant premises. We are in process to restore it and try to complete it by coming monsoon season. Action plan is attached as Annexure-2 The photographs of the same are given in condition no. iv above.
viii	Details shall be submitted with six monthly compliance reports in addition conditions provided in CREP guidelines for cement sector shall be followed.	It's standalone Cement Grinding unit and all applicable CREP guidelines for grinding unit are complied with. The compliance status of the same is attached as Annexure-3
ix	The plant shall operate on zero discharge basis. Rain water harvesting shall be adopted & the extent of requirement of water for the project from mines would be reduced. The detailed rain water harvesting plan including regular desilting operation carried out during pre-monsoon season shall be submitted as part of six monthly compliance reports.	No waste water is being generated from the cement manufacturing, as the cement manufacturing is based on dry process technology. We are maintaining zero discharge. Only very less quantity of domestic waste water generated from the office toilets, which is being disposed of in soak pit. No mine is associated with the project. Hence utilization of mines water is not applicable. Water is being used for cooling purpose which is recycled back through cooling tower. We have implemented the rain water harvesting plan within our plant premises and regular desilting operation are carried out during pre-monsoon season.
x	Emergency preparedness and disaster management plan with focus of disaster prevention shall be prepared and implemented.	Emergency preparedness and disaster management plan has been prepared and implemented in consultation with the concerned authority and local administration.
xi	Dry fog system shall be adopted to control fugitive emission in screening plant, transfer points. Wet system like water spray/sprinklers shall be provided for dust suppression at belt conveyor discharge & screen discharge locations. The raw material handling and processing area shall be provided with dust suppression system. Water sprinkling arrangement shall be provided at raw material heaps.	It's standalone cement grinding unit, there is no screening plant. We have provided 35 number of bag filters at various material transfer points for control of fugitive dust emission. Bag filter detail is attached in Annexure-4 . All the Raw materials (Gypsum & Clinker) stored in covered Silos & shed with adequate de-dusting system. Water sprinkling system and water tanker has been provided dust suppression on haul roads and unpaved area.
		

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
	 	 
xii	<p>Work zone floor shall be made concreted/asphalted. Internal roads shall be black topped. Regular sweeping/cleaning of roads shall be carried out to avoid accumulation of fine dust. Ensuring that road ways and vehicle wheels are kept clean.</p>	<p>The work zone floors area and internal roads are concreted. Regular sweeping/cleaning of roads and internal area is being carried out by vacuum sweeping machine to avoid accumulation of fine dust. We ensured that road ways and vehicle wheels are kept clean. Attached in Annexure-5</p>
	 <p data-bbox="480 1160 1214 1193">Concreted Cement Mill & Packing Plant Work Zone Area</p>  <p data-bbox="204 1529 703 1563">Concreted Roads within the Plant Area</p>	  <p data-bbox="863 1529 1294 1563">Vacuum Road Sweeping Machine</p>
xiii	<p>The proponent shall monitor the ground water regime of the study area, by installing piezometers in and around the impact zone of the project site and collect data of groundwater (level as well characteristics) and the same shall be furnished as part of the compliance report to MOEF, RO, Lucknow. In case of declining levels, prior approval shall be obtained from the State Ground Water Board.</p>	<p>We have installed Piezometer with digital water level data recorder for monitoring groundwater (level as well characteristics) of the area. The monitoring data are being submitted to MoEF Regional office and State Ground water department. The Ground water level 1.3 meter and water quality reports are enclosed as Annexure-1</p>

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
	 <p data-bbox="272 517 584 546">Piezometer With DWLR</p>	 <p data-bbox="930 517 1305 546">Digital Water Level Recorder</p>
xiv	Out of 2 million ton of ash, 1.36 shall be utilized and remaining ash shall be sent to the cement plant.	We are utilizing the fly ash generated from the Praygaraj Power Generation Co. Ltd. During the FY 2022-23 we have utilized 718596.78. MT Fly ash for manufacturing of PPC (2112937.11 MT).
xv	Accidental spillages of oil from construction equipment and storage sites shall be prevented.	<p data-bbox="831 730 1492 927">The unit is under operation stage, measures are being taken to avoid any accidental spillages of oil from the equipment and storage sites. We have provided separate facility for storage of used oil generated from the plant and machineries and sold to the CPCB authorized recyclers. Attached in Annexure-6</p>  <p data-bbox="1015 1435 1305 1464">Hazardous Waste Room</p>
xvi	Diesel powered vehicles and construction machinery are properly maintained to minimize the exhaust emission as well as noise generation. There shall be a separate area for their parking.	<p data-bbox="831 1491 1492 1653">The unit is in operation and all the diesel-powered vehicles and machinery are maintained properly in order to minimize exhaust emission as well as noise generated during vehicle movement. We provided separated parking areas for parking of heavy and light vehicles.</p> <p data-bbox="831 1671 1492 1765">Only PUC and fitness parameter certified vehicles are allowed in our plant premises as per attached Check list in Annexure-7</p>
xvii	Workers protective gears shall be provided. Spirometry, audiometry tests shall be conducted for workers.	<p data-bbox="831 1794 1492 2022">All staff and workman working in the plant premises are provided with Personal Protective Equipment (PPEs) at all times 15 lacs spend in every year for the same. Spirometry and audiometry tests conducted for all workers (396) and employee (50) on regularly as per the factory Act. No abnormality is observed. Sample copy attached in Annexure-8</p>

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
xviii	<p>A CSR plan shall be prepared and implemented in consultation with the local villages and administration. Issues raised/covered during public hearing and incorporated in the EMP and CSR plan. During construction phase of the project, an expenditure of about minimum 5% of the capital expenditure shall be earmarked for CSR activity spread over 5 years/period of construction of project. During operation phase of the project, the CSR activity will be funded based on 2% of the profit during operation phase of the project. 70% of the employment shall be made from the local population. The annual capital and recurring expenditure on CSR village-wise and activity-wise shall be uploaded on the company website and also included in the annual report of the company.</p>	<p>Since the handover and operations of Unit from March, 2020, Unit is doing CSR Activities at Unit level (details are mentioned at Annexure-9). Further in addition, Company is also doing substantial CSR activities and actively contributing to social and economic development of the communities in which it operates, as per provisions of Companies Act, details of which are available in our annual reports (relevant pages of Annual Report are mentioned at Annexure-10).</p> <p>Following are some of the CSR activities which have been done by Unit:</p> <ol style="list-style-type: none"> 1. RO plant installation in shankargarh hospital . 2. Green belt and road construction near railway gate at Bemra station for protection of flood condition to nearby villager/farmer. 3. Hand pump installation for villager as due to rocky area water availability is very low. ladies are going 2 to 3km for water 4. Health Camp for nearby villagers 5. Bags/books distribution for School children 6. Women help line cell. 7. More than 70% employment given to local community 280 out of 396. 8. Training for livelihood and skill enhancement given to local community. <p>CSR Activities already undertaken for FY-2020-21, 2021-22 and 2022-23(with photographs), along with proposed CSR Activities for FY 2023-24 and 2024-25 along with budget, is attached at Anexure-9.</p> <p>Relevant pages of Annual Report of Company for FY-2021-22, is attached at Annexure-10</p>
S. No.	GENERAL CONDITIONS	COMPLIANCE STATUS
i	<p>The project authorities must strictly adhere to the stipulations made by the Uttar Pradesh Pollution Control Board and the State Government.</p>	<p>All the statutory clearances like CTE, CTO and HWM, from UP Pollution Control Board & Ground water withdrawal permission from UPGWD etc.</p>
ii	<p>No further expansion or modifications in the plant shall be carried out without prior approval of Ministry of Environment, Forests and Climate Change (MOEF&CC).</p>	<p>Noted, No further expansion or modifications in the plant shall be carried out without prior approval of Ministry of Environment, Forests and Climate Change (MOEF&CC).</p>
iii	<p>At least four ambient air quality monitoring stations shall be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2, & NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional office at Lucknow & the SPCB/CPCB once in six months.</p>	<p>Four ambient air quality monitoring stations has been established in the downward direction as well as considering where the maximum ground level concentration are anticipated in consultation with SPCB. Data on ambient air quality and stack emission regularly submitted to this Ministry including its Regional office at Lucknow & the SPCB/CPCB once in six months. Last six months ambient air quality and stack emission are attached as Annexure-1</p>

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
iv	Industrial waste water shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th may, 1993 & 31st December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	No industrial waste water is generated from the cement manufacturing, as the cement manufacturing is based on dry process technology. We are maintaining zero discharge. Only very less quantity of domestic waste water generated from the office toilets, which is being disposed of in soak pit.
v	The overall noise level in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).	Ensured the overall noise level in plant work zone area conform to the standards below the 85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all high noise generating machineries like compressor house etc. The ambient noise levels are well below the standards prescribed under EPA rules, 1989 viz. 75 dBA (day time) and 70 dBA (night time).The noise monitoring report is attached as Annexure-1
vi	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the factories Act.	Occupational health surveillance of the workers is being done on a regular basis and records maintained as per factories Act. No abnormality is observed. Sample copy attached as Annexure-8
vii	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	RWH pond and Roof harvesting has been done to harvest the rain water for utilization in the lean season.
viii	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	All the environmental protection measures and safeguards proposed in the EIA/EMP report has been implemented and socio-economic development activities are being undertaken under the CSR program in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
ix	Requisite funds shall be earmarked towards capital cost & recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forests and Climate Change (MoEF & CC) as well as the state Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the regional office of the Ministry Lucknow. The funds so provided shall not be diverted for any other purpose.	Funds earmarked towards capital cost & recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forests and Climate Change (MoEF & CC) as well as the state Government. Total Capital cost of Rs. 54 crores earmarked for Environmental Pollution control Measures The recurring cost for EMP during the FY 2022-23 is.300 lacs.
x	A copy of clearance letter shall be sent by the proponent to concerned panchayat, zilaparishad /municipal corporation, urban local body & the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	EC copy was send to the concerned authority and the same has been uploaded on the website of UltraTech Cement Limited https://www.ultratechcement.com
xi	The project proponent shall upload the status of compliance of the stipulated Environment Clearance	We uploaded the status of compliance of the stipulated Environment Clearance conditions along with the

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS
	<p>conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional office of the MOEF&CC at Lucknow. The respective zonal office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO2, NOx (ambient levels as well as stack emission) or critical sectorial parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>monitored data on our company website https://www.ultratechcement.com/ and the same are being submitted to the Regional office of the MOEF&CC at Lucknow. The respective zonal office of CPCB and the SPCB.</p> <p>The criteria pollutant levels namely; PM10, PM 2.5 (ambient levels as well as stack emission) are displayed at a convenient location near the main gate of the company in the public domain.</p> 
xii	<p>The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the regional office of MOEF & CC, the respective Zonal office of CPCB and the SPCB. The regional office of this ministry at Lucknow/CPCB/SPCB shall monitor the stipulated conditions.</p>	<p>We are regularly submitting the six monthly compliance status of environment clearance report including results of monitored data to the regional office of MOEF & CC, the respective Zonal office of CPCB and the SPCB through E-mail as per the MoEF Notification.</p>
xiii	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (protection) rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective regional office of the MOEF&CC at Lucknow by e-mail.</p>	<p>The environmental statement for each financial year ending 31st March in Form-V is being submitted to the Regional office of the MOEF&CC at Lucknow by e-mail. We have submitted the last FY 2021-22 Environmental Statement vide our letter no UTCL/BARA/U PPCB/005/2022 Dated 23/09/2022.</p>
xiv	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry of Environment, Forests and Climate Change (MOEF&CC) at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the Regional Office at Lucknow.</p>	<p>UltraTech Bara Cement Grinding Unit is acquired from M/s. JAY PEE ASSOCIATES Ltd., as per the information provided by M/s JAYPEE ASSOCIATES advertisement was Published in local newspaper named as Amar Ujala and Times of India within seven days & same information already been submitted to good office vide letter no PPGCL/Bara/MOEF/15/10/779 dtd.31.10.2015.</p>

S. No.	SPECIFIC CONDITION	COMPLIANCE STATUS	25
			
xv	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	We have informed the Regional Office as well as the Ministry on the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	

ANNEXURE-1

**ENVIRONMENT MONITORING REPORTS
STACK, AMBIENT AIR QUALITY,
FUGITIVE EMISSION, NOISE AND
WATER QUALITY
MONITORING REPORTS**

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1513

03.12.2022

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit) at - Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	15.11.2022
Time of Sampling	11:05 hrs;

A. General Information about stack		
1	Stack connected to	Cement Mill - No.1
2	Emission due to	Process Activity
3	Material of Construction of Stack	M.S
4	Shape of Stack	Circular
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent
6	Capacity	-
B. Physical Characteristics of Stack		
1	Height of the stack	
	(a) from Ground Level (m)	55.0
	(b) from Roof Level (m)	21.0
2	Diameter of the stack	
	(a) at bottom (m)	-
	(b) at top (m)	-
3	Diameter of the stack at sampling point (m)	1.4
4	Height of the sampling point from GL (m)	42.0
C. Analysis/Characteristics of Stack		
1	Fuel used	-
2	Fuel consumption	-
D Results of sampling & Analysis of gaseous emission		Standard
1	Temperature of emission (°C)	69
2	Barometric Pressure (mmHg)	753
3	Velocity of gas in duct (M/sec)	6.22
4	Quantity of gas flow (Nm ³ /hr)	31876
5	Concentration of SO ₂ (mg/Nm ³)	-
6	Concentration of NO _x (mg/Nm ³)	-
7	Concentration of CO (% V/V)	-
8	Concentration of CO ₂ (% V/V)	1.0
9	Concentration of PM (mg/Nm ³)	13
		30 (as per CTO)
E Pollution Control Device		
	Details of pollution control device attached with the stack	None

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1514

03.12.2022

ANALYSIS REPORT OF FLUE GAS

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit) at - Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	15.11.2022
Time of Sampling	14:15 hrs;

A. General Information about stack		
1	Stack connected to	Cement Mill - No.2
2	Emission due to	Process Activity
3	Material of Construction of Stack	M.S
4	Shape of Stack	Circular
5	Whether Stack is provided with Permanent Platform & Ladders	Permanent
6	Capacity	-
B. Physical Characteristics of Stack		
1	Height of the stack	
	(a) from Ground Level (m)	50.0
	(b) from Roof Level (m)	14.0
2	Diameter of the stack	
	(a) at bottom (m)	-
	(b) at top (m)	-
3	Diameter of the stack at sampling point (m)	1.5
4	Height of the sampling point from GL (m)	35.0
C. Analysis/Characteristics of Stack		
1	Fuel used	-
2	Fuel consumption	-
D Results of sampling & Analysis of gaseous emission		Standard
1	Temperature of emission (°C)	71
2	Barometric Pressure (mmHg)	753
3	Velocity of gas in duct (M/sec)	6.14
4	Quantity of gas flow (Nm ³ /hr)	33526
5	Concentration of SO ₂ (mg/Nm ³)	-
6	Concentration of NO _x (mg/Nm ³)	-
7	Concentration of CO (% V/V)	-
8	Concentration of CO ₂ (% V/V)	1.2
9	Concentration of PM (mg/Nm ³)	17
		30 (as per CTO)
E Pollution Control Device		
	Details of pollution control device attached with the stack	None

Contents of this report are meant for your guidance and should not be used for Advertisement, Evidence or Litigation

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1515

03.12.2022

MONITORING REPORT

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

AMBIENT AIR QUALITY MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
1.	Factory Main Gate (Near Weigh Bridge)	15.11.2022	CPCB Guideline	PM ₁₀	µg/m ³	78	100
				PM _{2.5}	µg/m ³	24	60
				SO ₂	µg/m ³	10	80
				NO ₂	µg/m ³	39	80
				CO	mg/m ³	0.1	2

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1516

03.12.2022

MONITORING REPORT

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

AMBIENT AIR QUALITY MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
2.	Near Gypsum Yard	15.11.2022	CPCB Guideline	PM ₁₀	µg/m ³	89	100
				PM _{2.5}	µg/m ³	31	60
				SO ₂	µg/m ³	7	80
				NO ₂	µg/m ³	44	80
				CO	mg/m ³	0.2	2

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1517

03.12.2022

MONITORING REPORT

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

AMBIENT AIR QUALITY MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
3.	Near Packing Plant	15.11.2022	CPCB Guideline	PM ₁₀	µg/m ³	92	100
				PM _{2.5}	µg/m ³	36	60
				SO ₂	µg/m ³	12	80
				NO ₂	µg/m ³	39	80
				CO	mg/m ³	0.1	2

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1518

03.12.2022

MONITORING REPORT

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	25

AMBIENT AIR QUALITY MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
4.	Near Cement Plant	16.11.2022	CPCB Guideline	PM ₁₀	µg/m ³	66	100
				PM _{2.5}	µg/m ³	19	60
				SO ₂	µg/m ³	10	80
				NO ₂	µg/m ³	36	80
				CO	mg/m ³	0.1	2

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1519

03.12.2022

MONITORING REPORT

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	25

AMBIENT AIR QUALITY MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
5.	Lohgara Village	16.11.2022	CPCB Guideline	PM ₁₀	µg/m ³	52	100
				PM _{2.5}	µg/m ³	18	60
				SO ₂	µg/m ³	10	80
				NO ₂	µg/m ³	37	80
				CO	mg/m ³	BDL	2

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1520

03.12.2022

MONITORING REPORT

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	25

AMBIENT AIR QUALITY MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Protocol	Parameter	Unit	Result	Standard
6.	Bemara Village	16.11.2022	CPCB Guideline	PM ₁₀	µg/m ³	62	100
				PM _{2.5}	µg/m ³	22	60
				SO ₂	µg/m ³	12	80
				NO ₂	µg/m ³	36	80
				CO	mg/m ³	BDL	2

BDL: Below Detectable Limit

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No.2022-23/EEPL/MON/1521

03.12.2022

NOISE LEVEL MONITORING

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works, (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	15.11.2022

MONITORING REPORT

Sl. No.	Location	Noise Level Range dB (A) Industrial	
		Day	Night
1.	Factory Main Gate (Near Weigh Bridge)	70-71	41-42
2.	Near Gypsum Yard	68-73	40-45
3.	Near Packing Plant	67-72	43-50
4.	Near Cement Mill	70-73	41-46
	Standard	75	70

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1522

03.12.2022

NOISE LEVEL MONITORING

Name of Industry	M/s. Ultra Tech Cement Ltd.
Address	Bara Cement Works, (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022

MONITORING REPORT

Sl. No.	Location	Noise Level Leq in dB (A) Industrial
1.	Cement Mill	70.2
2.	Packing Plant	72.3
3.	Clinker Tippler	71.6
4.	Gypsum Yard	69.5

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1523

03.12.2022

FUGITIVE EMISSION MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM ($\mu\text{g}/\text{m}^3$)
1.	Packing Plant	15.11.2022	1489

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1524

03.12.2022

FUGITIVE EMISSION MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM ($\mu\text{g}/\text{m}^3$)
2.	Cement Mill	15.11.2022	1653

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1525

03.12.2022

FUGITIVE EMISSION MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM ($\mu\text{g}/\text{m}^3$)
3.	Gypsum Yard	16.11.2022	1653

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1526

03.12.2022

FUGITIVE EMISSION MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	25

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM ($\mu\text{g}/\text{m}^3$)
4.	Clinker Tippler	16.11.2022	1589

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1527

03.12.2022

FUGITIVE EMISSION MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	15

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM ($\mu\text{g}/\text{m}^3$)
5.	Packer Floor	16.11.2022	1059

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1528

03.12.222

WORK ZONE QUALITY MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM (mg/m ³)
1.	Weigh Bridge (Munesh Gautam)	15.11.2022	4.29

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1529

03.12.2022

WORK ZONE QUALITY MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	24

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM (mg/m ³)
2.	Packing Plant (Mukesh Gautam)	15.11.2022	5.63

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – + 91 33 2443 8127/8128 ; Fax – + 91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1530

03.12.2022

WORK ZONE QUALITY MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	25

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM (mg/m ³)
3.	Clinker Tippler (Adarsh Tiwari)	16.11.2022	7.29

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1531

03.12.2022

WORK ZONE QUALITY MONITORING REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Average Temperature (°C)	25

MONITORING RESULT

Sl. No.	Location	Date of Monitoring	Pollutant Concentration
			SPM (mg/m ³)
4.	Gypsum Yard (Ganeshvar Dwivedi)	16.11.2022	2.88

Note : All above Meteorological conditions prevails at the time of monitoring

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1532

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Near Main Gate

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.63	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	157	200
7.	Calcium (as Ca)	mg/l	32	75
8.	Alkalinity (as CaCO ₃)	mg/l	209	200
9.	Chloride (as Cl)	mg/l	23	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	2	30
13.	Total Dissolved Solids	mg/l	346	500
14.	Sulphate (as PO ₄)	mg/l	32	200
15.	Flouride (as F)	mg/l	0.32	1
16.	Nitrate (as NO ₃)	mg/l	1.01	45
17.	Iron (as Fe)	mg/l	0.12	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
19.	Total Coliform	MPN/100ml	Absent	***
20.	Fecal Coliform	MPN/100ml	Absent	***
21.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Enviroftech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1533

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Near Packing Plant

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.2	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	144	200
7.	Calcium (as Ca)	mg/l	33	75
8.	Alkalinity (as CaCO ₃)	mg/l	124	200
9.	Chloride (as Cl)	mg/l	31	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	4.6	30
13.	Total Dissolved Solids	mg/l	394	500
14.	Sulphate (as PO ₄)	mg/l	29.5	200
15.	Flouride (as F)	mg/l	0.36	1
16.	Nitrate (as NO ₃)	mg/l	0.82	45
17.	Iron (as Fe)	mg/l	0.16	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
19.	Total Coliform	MPN/100ml	Absent	***
20.	Fecal Coliform	MPN/100ml	Absent	***
21.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1534

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Borewell No. 1

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.1	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	156	200
7.	Calcium (as Ca)	mg/l	24	75
8.	Alkalinity (as CaCO ₃)	mg/l	172	200
9.	Chloride (as Cl)	mg/l	19	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	5	30
13.	Total Dissolved Solids	mg/l	207	500
14.	Sulphate (as PO ₄)	mg/l	131	200
15.	Flouride (as F)	mg/l	0.16	1
16.	Nitrate (as NO ₃)	mg/l	1.2	45
17.	Iron (as Fe)	mg/l	0.03	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
19.	Total Coliform	MPN/100ml	Absent	***
20.	Fecal Coliform	MPN/100ml	Absent	***
21.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1535

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Borewell No. 2

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.05	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	124	200
7.	Calcium (as Ca)	mg/l	12	75
8.	Alkalinity (as CaCO ₃)	mg/l	217	200
9.	Chloride (as Cl)	mg/l	129	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	12	30
13.	Total Dissolved Solids	mg/l	423	500
14.	Sulphate (as PO ₄)	mg/l	21.9	200
15.	Flouride (as F)	mg/l	0.32	1
16.	Nitrate (as NO ₃)	mg/l	1.38	45
17.	Iron (as Fe)	mg/l	0.02	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
19.	Total Coliform	MPN/100ml	Absent	***
20.	Fecal Coliform	MPN/100ml	Absent	***
21.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1536

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Canteen Tap Water

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.0	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	163	200
7.	Calcium (as Ca)	mg/l	19	75
8.	Alkalinity (as CaCO ₃)	mg/l	59	200
9.	Chloride (as Cl)	mg/l	132	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	16.8	30
13.	Total Dissolved Solids	mg/l	237	500
14.	Sulphate (as PO ₄)	mg/l	49.8	200
15.	Flouride (as F)	mg/l	0.24	1
16.	Nitrate (as NO ₃)	mg/l	1.16	45
17.	Iron (as Fe)	mg/l	0.04	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
19.	Total Coliform	MPN/100ml	Absent	***
20.	Fecal Coliform	MPN/100ml	Absent	***
21.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1537

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Near CCR Kitchen

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.1	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	231	200
7.	Calcium (as Ca)	mg/l	44	75
8.	Alkalinity (as CaCO ₃)	mg/l	74	200
9.	Chloride (as Cl)	mg/l	159	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	14.3	30
13.	Total Dissolved Solids	mg/l	273	500
14.	Sulphate (as PO ₄)	mg/l	59.3	200
15.	Flouride (as F)	mg/l	0.4	1
16.	Nitrate (as NO ₃)	mg/l	0.06	45
17.	Iron (as Fe)	mg/l	0.36	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
19.	Total Coliform	MPN/100ml	Absent	***
20.	Fecal Coliform	MPN/100ml	Absent	***
21.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.




(Authorized Signatory)

Envirotech East Pvt. Limited

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Company

- Laboratory Recognised by MoEF&CC, Govt. of India
- Accredited EIA Consultant by QCI-NABET
- Laboratory Recognized by JSPCB
- Laboratory Recognized by WBPCB



100, Kalikapur, Madurdaha, Kolkata – 700 107, West Bengal, India

☎ – +91 33 2443 8127/8128 ; Fax – +91 33 2443 8128; email: eeplkol@gmail.com; eeplkol2@gmail.com

CIN NO : U74210WB1989PTC047403

No. 2022-23/EEPL/MON/1538

03.12.2022

DRINKING WATER ANALYSIS REPORT

Name of Industry	M/s. ULTRA TECH CEMENT LTD.
Address :	Bara Cement Works (Grinding Unit), at Tehsil - Bara, Dist: Prayagraj, U.P
Date of Sampling	16.11.2022
Location	Near Canteen RO

MONITORING REPORT

Sl. No.	Parameter	Unit	Result	Standard IS:10500
Physical Parameter				
1.	pH	-	7.4	6.5 - 8.5
2.	Colour	Hazen unit	Colourless	5
3.	Turbidity	NTU	<1	1
4.	Odour	-	Unobjectionable	Agreeable
5.	Taste	-	Agreeable	Agreeable
Chemical Parameter				
6.	Total Hardness (as CaCO ₃)	mg/l	124	200
7.	Calcium (as Ca)	mg/l	18.6	75
8.	Alkalinity (as CaCO ₃)	mg/l	127	200
9.	Chloride (as Cl)	mg/l	139	250
10.	Residual Free Chlorine	mg/l	BDL	0.2
11.	Cynide (as Cn)	mg/l	BDL	0.05
12.	Magnesium (as Mg)	mg/l	18.6	30
13.	Total Dissolved Solids	mg/l	289	500
14.	Sulphate (as PO ₄)	mg/l	37.6	200
15.	Flouride (as F)	mg/l	0.16	1
16.	Nitrate (as NO ₃)	mg/l	1.04	45
17.	Iron (as Fe)	mg/l	0.13	1
18.	Arsenic (as As)	mg/l	BDL	0.01
Bacteriological Parameter				
18.	Total Coliform	MPN/100ml	Absent	***
19.	Fecal Coliform	MPN/100ml	Absent	***
20.	E-Coli	MPN/100ml	Absent	***

BDL: Below Detection Limit

*** N.B: Shall not be detectable in any 100 ml samples

For ENVIROTECH EAST (P) LTD.



(Authorized Signatory)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

615

CIN No. :U74220HR2011PTC085756

53

Sample Number:	JME/BCW/A/01	Report No.:	JME/A/230404015
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No.:	7.5 F-02
		Party Reference No.	Nil
		Reporting Date	11/04/2023
Sample Description:	AMBIENT AIR QUALITY MONITORING	Receipt Date	06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Manager- Environment)
Sample collected by	JMEPL Team
Sampling Location	Factory Main gate (Near Weigh Bridge)
Latitude	25°12'01.22" N
Longitude	81°38'44.35" E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/44, JME/FPS/01/38
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	01/04/2023 To 02/04/2023
Time of Monitoring	09:18 to 09:10 Hrs.
Actual duration of Monitoring, (minutes)	1425.0
Ambient Temperature (°C)	Max 29°C, Min 17°C
Surrounding activity	Truck Movement
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	27.24	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	71.46	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	23.74	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	11.32	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.65	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)] [Part-II sec -3(i)] 16 11 2009

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Raikumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

616

CIN No. :U74220HR2011PTC085756

54

Sample Number: JME/BCW/A/02 Report No.: JME/A/230604016
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No.: 7.5 F-02
 Party Reference No. Nil
 Reporting Date: 11/04/2023
 Receipt Date: 06/04/2023
 Sample Description: AMBIENT AIR QUALITY MONITORING

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Manager- Environment)
 Sample collected by JMEPL Team
 Sampling Location Near Gypsum Yard
 Latitude 25°11'29.78" N
 Longitude 81°38'47.17" E
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/45, JME/FPS/01/39
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 01/04/2023 To 02/04/2023
 Time of Monitoring 10:05 to 10:00 Hrs.
 Actual duration of Monitoring, (minutes) 1430.0
 Ambient Temperature (°C) Max 29°C, Min 17°C
 Surrounding activity Trucks movement & Gypsum Yard Loading-Unloading
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	32.46	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	79.59	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	20.32	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	9.88	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.58	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII. [Rule 3 (3B)] [Part-II sec -3(i)] 16 11 2009

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

617

CIN No. U74220HR2011PTC085756

55

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/A/03 Report No.: JME/A/230604017
 Name & Address of Unit M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Format No.: 7.5 F-02 Party Reference No. Nil
 Reporting Date: 11/04/2023
 Sample Description: AMBIENT AIR QUALITY MONITORING Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Manager- Environment)
 Sample collected by JMEPL Team
 Sampling Location Near Packing Plant
 Latitude 25°11'45.10" N
 Longitude 81°38'45.20" E
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/44, JME/FPS/01/38
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 02/04/2023 To 03/04/2023
 Time of Monitoring 11:02 to 11:04 Hrs.
 Actual duration of Monitoring, (minutes) 1424.5
 Ambient Temperature (°C) Max 35°C, Min 18°C
 Surrounding activity Truck Loading & Packing process
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	34.18	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	88.67	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	23.64	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	9.72	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.60	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Ravi Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/A/04	Report No.:	JME/A/230604018
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No.:	7.5 F-02
		Party Reference No	Nil
		Reporting Date	11/04/2023
Sample Description:	AMBIENT AIR QUALITY MONITORING	Receipt Date	06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Manager- Environment)
Sample collected by	JMEPL Team
Sampling Location	Near Cement Plant
Latitude	25°11'40.75" N
Longitude	81°38'46.52" E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/45, JME/FPS/01/39
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	02/04/2023 To 03/04/2023
Time of Monitoring	11:34 to 11:30 Hrs.
Actual duration of Monitoring, (minutes)	1410.1
Ambient Temperature (°C)	Max 34°C, Min 18°C
Surrounding activity	Cement Mill Running and Nr. by Transportation Road
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	33.46	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	69.19	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	19.62	µg/m ³	80
4.	Sulphur Dioxide	IS 5182, (P-2) 2017	9.18	µg/m ³	80
5.	Carbon Mono oxide	IS 5182, (P-10) 2019	0.57	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)] [Part-II sec -3(i)] 16.11.2009

End of Report

Aparna
Kumari Aparna
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

619

57

CIN No. :U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/A/05 Report No.: JME/A/230604019
 Name & Address of Unit: M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Format No.: 7.5 F-02 Party Reference No: Nil
 Reporting Date: 11/04/2023
 Sample Description: AMBIENT AIR QUALITY MONITORING Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Manager- Environment)
 Sample collected by JMEPL Team
 Sampling Location Lohgara Village
 Latitude --
 Longitude --
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/44, JME/FPS/01/38
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 03/04/2023 To 04/04/2023
 Time of Monitoring 12:05 to 12:10 Hrs.
 Actual duration of Monitoring, (minutes) 1324.5
 Ambient Temperature (°C) Max 35°C, Min 18°C
 Surrounding activity --
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24) 2019	30.32	µg/m ³	60
2.	PM10	IS:5182, (P-23) 2017	63.46	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	17.19	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	8.74	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.58	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

End of Report

Kumari Anama
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

620

58

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/A/06	Report No.:	JME/A/230604020
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No.:	7.5 F-02
		Party Reference No	Nil
Sample Description:	AMBIENT AIR QUALITY MONITORING	Reporting Date	11/04/2023
		Receipt Date:	06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Manager- Environment)
Sample collected by	JMEPL Team
Sampling Location	Bemara Village
Latitude	--
Longitude	--
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/45, JME/FPS/01/39
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	03/04/2023 To 04/04/2023
Time of Monitoring	13:19 to 12:55 Hrs.
Actual duration of Monitoring, (minutes)	1240.6
Ambient Temperature (°C)	Max 35°C, Min 18°C
Surrounding activity	--
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	34.39	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	63.19	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	19.72	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	8.86	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.56	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)] [Part-II sec -3(i)] 16 11 2009

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rakumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



J.M. ENVIROLAB PVT. LTD.

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/AN/01 Report No.: JME/AN/230406015
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No.: 7.5 F-04
 Party Ref No.: Nil
 Reporting Date: 10/04/2023
 Sample Description: AMBIENT NOISE LEVEL MONITORING Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by	JMEPL Team
Sampling Location	Factory Main Gate (Near Weigh Bridge)
Latitude	25°12'01.22" N
Longitude	81° 38' 44.35" E
Date of Monitoring	01/04/2023 to 02/04/2023
Time of Monitoring	06:00 AM to 06:00 AM
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/13
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	Max 29°C, Min 17°C
Surrounding activity	Truck Movement
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	IS-9989
Actual duration of Monitoring, (minutes)	24 Hrs
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	IS-9989: 2014	72.2	71.6	dB(A)
2	Lmin	IS-9989: 2014	63.5	57.2	dB(A)
3	Leq	IS-9989: 2014	67.3	62.8	dB(A)
4	CPCB Limits in dB(A) Leq (Industrial area)	--	74	71	dB(A)
5	CPCB Limits in dB(A) Leq (Commercial area)	--	64	53	dB(A)
6	CPCB Limits in dB(A) Leq (Residential area)	--	54	44	dB(A)
7	CPCB Limits in dB(A) Leq (Silence area)	--	50	41	dB(A)

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rakumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

622

60

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/AN/02** Report No.: **JME/AN/230406016**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **10/04/2023**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/04/2023**

General Information

Client Representative (Name & Designation) **Mr. Gopikisan Tiwari (Environment Officer)**
 Sample collected by **JMEPL Team**
 Sampling Location **Near Gypsum Yard**
 Latitude **25°11'29.78" N**
 Longitude **81°38'47.17" E**
 Date of Monitoring **01/04/2023 to 02/04/2023**
 Time of Monitoring **06:00 AM to 06:00 AM**
 Instrument used **Sound Level Meter**
 Instrument code **JME/SLM/01/14**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Cloudy Sky**
 Ambient Temperature (°C) **Max 29°C, Min 17°C**
 Surrounding activity **Trucks movement & Gypsum Yard Loading-Unloading**
 Scope of Monitoring **Regulatory Requirement**
 Control measure if any **--**
 Sampling & Analysis Protocol **IS-9989**
 Actual duration of Monitoring, (minutes) **24 Hrs**
 Parameter Required **As per work order**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	IS-9989 2014	68.8	62.7	dB(A)
2	Lmin	IS-9989 2014	61.4	45.8	dB(A)
3	Leq	IS-9989 2014	66.5	47.3	dB(A)
4	CPCB Limits in dB(A) Leq (Industrial area)	--	74	70	dB(A)
5	CPCB Limits in dB(A) Leq (Commercial area)	--	64	54	dB(A)
6	CPCB Limits in dB(A) Leq (Residential area)	--	54	44	dB(A)
7	CPCB Limits in dB(A) Leq (Silence area)	--	52	41	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rakumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

623

61

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/AN/03** Report No: **JME/AN/230406017**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No: **Nil**
 Reporting Date: **10/04/2023**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/04/2023**

General Information

Client Representative (Name & Designation) **Mr. Gopikisan Tiwari (Environment Officer)**
 Sample collected by **JMEPL Team**
 Sampling Location **Near Packing Plant**
 Latitude **25°11'45.10" N**
 Longitude **81°38'45.20" E**
 Date of Monitoring **02/04/2023 to 03/04/2023**
 Time of Monitoring **06:00 AM to 06:00 AM**
 Instrument used **Sound Level Meter**
 Instrument code **JME/SLM/01/13**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Clear Sky**
 Ambient Temperature (°C) **Max 32°C, Min 18°C**
 Surrounding activity **Truck Loading & Packing process**
 Scope of Monitoring **Regulatory Requirement**
 Control measure if any **--**
 Sampling & Analysis Protocol **IS-9989**
 Actual duration of Monitoring, (minutes) **24 Hrs**
 Parameter Required **As per work order**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989: 2014	73.8	62.6	dB(A)
2.	Lmin	IS-9989: 2014	68.8	50.9	dB(A)
3.	Leq	IS-9989: 2014	72.2	58.6	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	--	74	70	dB(A)
5.	CPCB Limits in dB(A) Leq (Commercial area)	--	66	54	dB(A)
6.	CPCB Limits in dB(A) Leq (Residential area)	--	54	45	dB(A)
7.	CPCB Limits in dB(A) Leq (Silence area)	--	50	42	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

CIN No. :U74220HR2011PTC085756

62

Sample Number: **JME/BCW/AN/04**
Name & Address of Unit: **M/s. UltraTech Cement Limited
Bara Cement Works (Grinding Unit)
at Tehsil- Bara, District- Prayagraj,
Uttar Pradesh**

Report No.: **JME/AN/230406018**
Format No.: **7.5 F-04**
Party Ref No: **Nil**
Reporting Date: **10/04/2023**
Receipt Date: **06/04/2023**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)
Sample collected by
Sampling Location
Latitude
Longitude
Date of Monitoring
Time of Monitoring
Instrument used
Instrument code
Instrument calibration status
Meteorological condition during monitoring
Ambient Temperature (°C)
Surrounding activity
Scope of Monitoring
Control measure if any
Sampling & Analysis Protocol
Actual duration of Monitoring, (minutes)
Parameter Required

Mr. Gopikisan Tiwari (Environment Officer)
JMEPL Team
Near Cement Mill
25°11'40.75" N
81°38'46.52" E
02/04/2023 to 03/04/2023
06:00 AM to 06:00 AM
Sound Level Meter
JME/SLM/01/14
Calibrated
Clear Sky
Max 32°C, Min 18°C
Cement Mill Running and Nr.by Transportation Road
Regulatory Requirement
--
IS-9989
24 Hrs
As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989: 2014	71.8	68.2	dB(A)
2.	Lmin	IS-9989: 2014	64.2	57.5	dB(A)
3.	Leq	IS-9989: 2014	67.9	61.2	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	--	74	70	dB(A)
5.	CPCB Limits in dB(A) Leq (Commercial area)	--	65	53	dB(A)
6.	CPCB Limits in dB(A) Leq (Residential area)	--	54	45	dB(A)
7.	CPCB Limits in dB(A) Leq (Silence area)	--	52	40	dB(A)

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rajkumar Yadav
Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

625

63

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/01 Report No.: JME/FD/230406001/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No.: 7.50 F-02
 Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by	JMEPL Team
Sampling Location	Packing Plant
Latitude	25°11'45.10" N
Longitude	81°38'45.20" E
Instrument used	RDS
Instrument code	JME/RDS/01/08
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	01/04/2023 To 01/04/2023
Time of Monitoring	8:05 to 16:04 Hrs.
Actual duration of Monitoring, (minutes)	479.0
Ambient Temperature (0C)	Max 29°C, Min 17°C
Surrounding activity	Nearby Truck loading and Cement Packing processing
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	1985.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Authorized Signatory
 Rajkumar Yadav

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



626

CIN No. U74220HR2011PTC085756

64

J.M. ENVIROLAB PVT. LTD.

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/02 Report No.: JME/FD/230406002/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by JMEPL Team
 Sampling Location Cement Mill
 Latitude 25°11'40.75" N
 Longitude 81°38'46.52" E
 Instrument used RDS
 Instrument code JME/RDS/01/08
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 02/04/2023 To 02/04/2023
 Time of Monitoring 09:45 to 18:41 Hrs.
 Actual duration of Monitoring, (minutes) 476.0
 Ambient Temperature (0C) Max 32°C, Min 18°C
 Surrounding activity Cement Mill Running & Nr. by Plant Transportation Road
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	819.0	µg/m ³

End of Report


Kumari Anama
 Tested by


Sita Ram Yadav
 Checked by


Rajkumar Yadav
 Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

627

65

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/03 Report No.: JME/FD/230406003/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh
 Sample Description: FUGITIVE DUST EMISSION
 Format No.: 7.50 F-02
 Party Reference No. Nil
 Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by JMEPL Team
 Sampling Location Gypsum Yard
 Latitude 25°11'29.77" N
 Longitude 81°38'47.17" E
 Instrument used RDS
 Instrument code JME/RDS/01/08
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 03/04/2023 To 03/04/2023
 Time of Monitoring 10:00 to 18:06 Hrs.
 Actual duration of Monitoring, (minutes) 486.0
 Ambient Temperature (OC) Max 35°C, Min 18°C
 Surrounding activity Cement Mill Running & Nr. by Plant Transportation Road
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	786.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

628

66

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/04 Report No.: JME/FD/230406004/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No.: 7.50 F-02
 Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by	JMEPL Team
Sampling Location	Clinker Tippler
Latitude	25°11'37.54" N
Longitude	81°38'51.85" E
Instrument used	RDS
Instrument code	JME/RDS/01/12
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	04/04/2023 To 04/04/2023
Time of Monitoring	11:00 to 18:05 Hrs.
Actual duration of Monitoring, (minutes)	480.0
Ambient Temperature (0C)	Max 35°C, Min 21°C
Surrounding activity	Nr. By Truck Unloading and Tippler Running
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS-5182 (Part-4) 2019	669.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



629

J.M. ENVIROLAB PVT. LTD.

67

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/05 Report No.: JME/FD/230406005/N
 Name & Address of Unit: M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Format No.: 7.50 F-02 Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by JMEPL Team
 Sampling Location Packer Floor
 Latitude --
 Longitude --
 Instrument used RDS
 Instrument code JME/RDS/01/08
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 05/04/2023 To 05/04/2023
 Time of Monitoring 11:55 to 18:56 Hrs.
 Actual duration of Monitoring, (minutes) 480.0
 Ambient Temperature (0C) Max 36°C, Min 18°C
 Surrounding activity Nr. By Truck Unloading and Tippler Running
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	2083.0	µg/m ³

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rajkumar Yadav
Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



630

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

68

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/PS/01** Report No: **JME/PS/230316058**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No: **7.5 F-04**
 Party Ref. No: **Nil**
 Reporting Date: **21/03/2023**
 Sample Description: **POINT SOURCE NOISE MONITORING** Receipt Date: **16/03/2023**

General Information

Client Representative (Name & Designation) **Mr. Gopikisan Tiwari (Environment Officer)**
 Sample collected by (Name & Designation) **JMEPL Team**
 Sampling Location **Cement Mill**
 Latitude **25° 11' 40.75" N**
 Longitude **81° 38' 46.52" E**
 Date of Monitoring **14/03/2023**
 Time of Monitoring **10:15 to 11:45 Hrs**
 Instrument used **Sound Level Meter**
 Instrument code **JME/SLM/01/14**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Clear Sky**
 Ambient Temperature (°C) **33°C**
 Surrounding activity **Mill operation and vehicular activities**
 Scope of Monitoring **Regulatory Requirement**
 Control measure if any **--**
 Sampling & Analysis Protocol **CPCB Guideline & IS-4758**
 Actual duration of Monitoring. (minutes) **30 Min.**
 Parameter Required **As per work order**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1.	Lmax	IS 4758: 1968	72.4	dB(A)
2.	Lmin	IS 4758: 1968	67.5	dB(A)
3.	Leq	IS 4758: 1968	70.6	dB(A)
4.	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report


Kumari Aparna
 Tested by


Sita Ram Yadav
 Checked by


Rajkumar Yadav
 Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



631

J.M. ENVIROLAB PVT. LTD.

69

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/PS/02 Report No: JME/PS/230316059
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No: 7.5 F-04
 Party Ref. No: Nil
 Reporting Date: 05/03/2023
 Sample Description: POINT SOURCE NOISE MONITORING Receipt Date: 02/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by (Name & Designation) JMEPL Team
 Sampling Location Packing Plant
 Latitude 25° 11' 45.10" N
 Longitude 81° 38' 45.20" E
 Date of Monitoring 01/04/2023
 Time of Monitoring 12:25 to 12:55 Hrs.
 Instrument used Sound Level Meter
 Instrument code JME/SLM/01/13
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Ambient Temperature (°C) 33°C
 Surrounding activity Mill operation and vehicular activities
 Scope of Monitoring Regulatory Requirement
 Control measure if any --
 Sampling & Analysis Protocol CPCB Guideline & IS-4758
 Actual duration of Monitoring, (minutes) 30 Min.
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1.	Lmax	IS 4758: 1968	75.8	dB(A)
2.	Lmin	IS 4758: 1968	71.8	dB(A)
3.	Leq	IS 4758: 1968	73.5	dB(A)
4.	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/PS/03** Report No.: **JME/PS/230316060**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **05/04/2023**
 Sample Description: **POINT SOURCE NOISE MONITORING** Receipt Date: **02/04/2023**

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by (Name & Designation)	JMEPL Team
Sampling Location	Clinker Tippler
Latitude	25° 11' 37.54" N
Longitude	81° 38' 51.85" E
Date of Monitoring	01/04/2023
Time of Monitoring	14:05 to 14:35 Hrs.
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/14
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	33°C
Surrounding activity	Mill operation and vehicular activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	CPCB Guideline & IS-4758
Actual duration of Monitoring, (minutes)	30 Min.
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1	Lmax	IS 4758: 1968	64.7	dB(A)
2	Lmin	IS 4758: 1968	61.3	dB(A)
3	Leq	IS 4758: 1968	64.0	dB(A)
4	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report

Kumari Anjana
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

633

CIN No. U74220HR2011PTC085756

J. M. ENVIROLAB PVT. LTD.

71

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/PS/04	Report No	JME/PS/230316061
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No	7.5 F-04
Sample Description:	POINT SOURCE NOISE MONITORING	Party Ref No	Nil
		Reporting Date	05/04/2023
		Receipt Date	02/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by (Name & Designation)	JMEPL Team
Sampling Location	Gypsum Yard
Latitude	25° 11' 29.78" N
Longitude	81° 38' 47.17" E
Date of Monitoring	01/04/2023
Time of Monitoring	15:00 to 15:30Hrs
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/13
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	33°C
Surrounding activity	Mill operation and vehicular activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	CPCB Guideline & IS-4758
Actual duration of Monitoring, (minutes)	30 Min.
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1.	Lmax	IS 4758: 1968	68.2	dB(A)
2.	Lmin	IS 4758: 1968	61.5	dB(A)
3.	Leq	IS 4758: 1968	64.8	dB(A)
4.	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report

Kumari Aparna
Kumari Aparna
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajkumar Satay
Rajkumar Satay
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J. M. ENVIROLAB PVT. LTD.

634

72

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108 Report No: JME/WE/230406001

Reporting Date: 11/04/2023

Sample Description: Work Environment Monitoring Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Environment Officer)

Sample collected by: JMEPL Team

Sampling Location: Weigh Bridge

Instrument Used: Handy Sampler

Date of Monitoring: 02/04/2023 to 02/04/2023

Time of Monitoring: 12:00 to 19:00 Hrs.

Actual duration of sampling, (minute): 420.0

Sampling Protocol: IS-9679

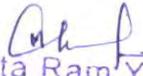
TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1.	Total Dust	mg/m ³	1.32	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Rajkumar Yadav
Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



635

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

73

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108 Report No. JME/WE/230406002

Reporting Date: 11/04/2023

Sample Description: Work Environment Monitoring Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Environment Officer)

Sample collected by: JMEPL Team

Sampling Location: Packing Plant

Instrument Used: Handy Sampler

Date of Monitoring: 03/04/2023 to 03/04/2023

Time of Monitoring: 11:45 to 18:40 Hrs.

Actual duration of sampling, (minute): 475.0

Sampling Protocol: IS-9679

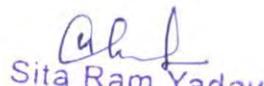
TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1	Total Dust	mg/m ³	1.57	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: **M/s. UltraTech Cement Limited
(Unit: Bara Cement Works)
Tehsil- Bara, District- Prayagraj (UP)- 212108** Report No.: **JME/WE/230406002**

Reporting Date: **11/04/2023**

Sample Description: **Work Environment Monitoring** Receipt Date: **06/04/2023**

General Information

Client Representative (Name & Designation) : **Mr. Gopikisan Tiwari (Environment Officer)**

Sample collected by : **JMEPL Team**

Sampling Location : **Clinker Tippler**

Instrument Used : **Handy Sampler**

Date of Monitoring : **04/04/2023 to 04/04/2023**

Time of Monitoring : **12:15 to 20:15 Hrs.**

Actual duration of sampling, (minute) : **480.0**

Sampling Protocol : **IS-9679**

TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1	Total Dust	mg/m ³	0.58	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report

Kumari Aparna
Kumari Aparna

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: M/s. UltraTech Cement Limited
(Unit: Bara Cement Works)
Tehsil- Bara, District- Prayagraj (UP)- 212108

Report No: JME/WE/230406003

Reporting Date: 11/04/2023

Sample Description: Work Environment Monitoring

Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Environment Officer)

Sample collected by: JMEPL Team

Sampling Location: Gypsum Yard

Instrument Used: Handy Sampler

Date of Monitoring: 05/04/2023 to 05/04/2023

Time of Monitoring: 11:00 to 19:00 Hrs.

Actual duration of sampling, (minute): 480.0

Sampling Protocol: IS-9679

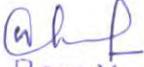
TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1.	Total Dust	mg/m ³	0.83	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

76

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/01	Report No.:	JME/W/230406007
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Canteen R.O	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.35	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	124.7	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	27.0	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	128.8	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	156.3	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	13.91	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	332.5	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	49.2	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.16	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.24	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	BDL (DL 0.02)	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

639

77

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/01	Report No.:	JME/W/230406007/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Canteen R.O	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini

Tested by

Sita Ram Yadav

Checked by

Rajkumar Yadav
Authorized Signatory

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

640

78

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/02	Report No.:	JME/W/230406008
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Near CCR Kitchen	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.40	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	255.4	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	49.6	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	83.0	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	176.7	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	32.03	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	392.7	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	65.8	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.34	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	BDL (DL 0.05)	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.26	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Tested by

Checked by

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



641

CIN No. U74220HR2011PTC085756

J. M. ENVIROLAB PVT. LTD.

79

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/02	Report No.:	JME/W/230406008/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Near CCR Kitchen	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report


 Ritika Saini

Tested by


 Sita Ram Yadav

Checked by


 Rajkumar Yadav

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.
 424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org
Corporate Office
 Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



642

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

80

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/03	Report No.:	JME/W/230406009
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Canteen Tap Water	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.33	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	186.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	45.5	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	74.7	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	152.6	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	17.61	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	338.6	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	55.7	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D.2017	0.35	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.24	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.09	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini

Tested by

Sita Ram Yadav

Checked by

Rajkumar Yadav

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

643

81

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/03	Report No.:	JME/W/230406009/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference	NIL
Sample Location:	Canteen Tap Water	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini

Tested by

Sita Ram Yadav

Checked by

Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/04	Report No.:	JME/W/230406010
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-2	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.63	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO3	IS:3025 (Part-21), 2019	166.9	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	39.4	mg/l	75	200
8.	Alkalinity as CaCO3	IS:3025 (Part-23), 2019	241.8	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	159.1	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	16.46	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	419.00	mg/l	500	2000
14.	Sulphate as SO4	IS:3025 (Part-24), 2019	25.73	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.41	mg/l	1	1.5
16.	Nitrate as NO3-N	IS:3025 (Part-34), 2019	1.66	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.07	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Jain
Ritika Jain
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

645

83

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

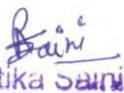
Sample Number:	JME/BCW/W/04	Report No.:	JME/W/230406010/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-2	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

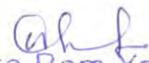
TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report


Ritika Saini
Tested by


Sita Ram Yadav
Checked by


Rajkumar Yadav
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



646

CIN No. U74220HR2011PTC085756

84

J.M. ENVIROLAB PVT. LTD.

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/05	Report No.:	JME/W/230406011
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-1	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.47	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	157.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	43.9	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	178.3	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	18.0	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	11.47	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	286.81	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	88.41	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D.2017	0.24	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.33	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.06	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

647

85

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/05	Report No.:	JME/W/230406011/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-1	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



648

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

86

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/06	Report No.:	JME/W/230406012
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Packing Plant	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.51	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	161.2	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	38.2	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	147.1	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	27.4	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	15.97	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	305.15	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	27.75	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.30	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	0.91	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.12	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajendra Yadav
Rajendra Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

649

87

CIN No. U74220HR2011PTC085756

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/06	Report No.:	JME/W/230406012/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Packing Plant	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required :	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



J.M. ENVIROLAB PVT. LTD.

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/W/07
 Name & Address of Unit: M/s. UltraTech Cement Limited
 (Unit: Bara Cement Works)
 Tehsil- Bara, District- Prayagraj (UP)- 212108
 Sample Description: Water (Drinking)
 Sample Location: Near Main Gate
 Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Manager Env.)
 Sample collected by: JMEPL Team
 Latitude : --
 Longitude : --
 Protocol Used : IS:3025 & APHA 23rd Edition 2017

Report No.: JME/W/230406013
 Format No.: 7.5 F-01
 Party Reference: NIL
 Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023
 Sampling Date: 04/04/2023
 Preservation: Refrigerated
 Sampling Type: Grab
 Sample Quantity: 2.0 liter
 Packing Status: Temporary Sealed
 Parameter Required: As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.50	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	184.7	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	41.8	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	224.3	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	20.7	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	19.41	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	284.09	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	30.47	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.35	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.13	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.18	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

651

89

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/07	Report No.:	JME/W/230406013/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Main Gate	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)

ANNEXURE-2

GREEN BELT PLANTATION ACTION PLAN

Details of Green Belt Development Plan

UltraTech Cement Limited
Unit: Bara Cement Works

Date: 31.03.2023

Plantation Report & PLAN:

Details of Green Belt Development					
Si. No.	Month	Area Location	Plant Species		Total numbers
1	FY19-20	Plant Premises	Sapling	Nos.	14500
			Neem	1000	
			Sheesham	1000	
			Arjun	1000	
			Karanj	1000	
			Pakad	1000	
			Jamun	1000	
			Peepal	1000	
			Amrood	1000	
			Amala	1000	
			Aaam	500	
			Casia Semia	1000	
			Chitwan	1000	
			Amaltas	1000	
			Kadamb	1000	
2	FY20-21	Plant Premises	Neem Tree	300	4000
			Sheesham	200	
			Arjun	200	
			Karanj	200	
			Pakad	200	
			Jamun	100	
			Sagaun TREE	1,700	
			Casia Samia	100	
			Amarood	100	
			Mango	100	
			Chitwan Tree	100	
			Amaltas Tree	100	
			Kadamb Tree	100	
			Ashok Tree	200	
			Mixed Fruit	200	
Maulshree	300				
3	FY 21-22	Plant Premises	Jamun	500	4000
			Amarood	500	
			Mango	500	
			Mixed Fruit	500	
			katahal	200	
			Amala	200	

4	FY22-23	Plant Premises	654 mango ashok sheesham cornocorpurs, karanj ,kadamb ,nibu,bottle palm etc) sapling planted	11775	11775
5	FY23-24	Plant Premises	1500 sq meter area will be developed by using MIYAWAKI system. Remaining area will be developed as green belt by this year	Work is under process	1000
		Completion of 33% plantation in coming monsoon June-sep 2023	NEEM	500	4000
			KADAMB	500	
			AMALTAS	500	
			MANGO	1000	
			KARANJ, SHEESHAM	500	
			ARJUN MAULSHREE	500	
			LOCAL SPECIES	500	

Note: Because of Project work & flood & Water logging Survival rate was very Less up to 30% in FY22-23 plants survival is more than 80%.

ANNEXURE-3

CREP COMPLIANCE

Annexure-3Compliance Status of Charter on CREP for Cement Industry

S. No.	Action Points of CREP	Status
1.	Cement plants which are not complying with the notified standards shall do the following to meet the standards * Augmentation of existing air pollution control devices - By July 2003 * Replacement of existing Air pollution control devices - By July 2004	We have Installed high efficiency baghouse at Cement Mill Stack to comply with the new emission standards for PM notified by MoEFCC as per G.S.R. 612 (E) dated 25.08.2014 and amended via G.S.R. 496 (E) dated 09.05.2016 and G.S.R. 497 (E) dated 10.05.2016
2.	Cement plants located in critically polluted or urban areas (including 5 Km distance outside urban boundary) will meet 100 mg/Nm ³ limit of particulate matter by December 2004 and continue working to reduce the emission of particulate matter to 50 mg/Nm ³	Our plant does not come under this category. However, we have provided high efficiency Bag house for controlling the emission below stipulated norms of PM < 30 mg/Nm ³ .
3.	The new cement kilns to be accorded NOC/ Environment Clearance w.e.f. 01.04.2003 will meet the limit of 50 mg/Nm ³ for particulate matter emission	It is not applicable to us. standalone Grinding Unit only & there is no kilns.
4.	CPCB will evolve load-based standards by December 2003	It is not applicable to us. standalone Grinding Unit.
5.	CPCB & NCBM will evolve SO ₂ and NO _x emission standards by June 2004	It is not applicable to us. standalone Grinding Unit therefore no gaseous (SO ₂ & NO _x) emissions from Stack.
6.	The cement industries will control fugitive emission from all the raw material and product storage and transfer point by Dec. 03. However, the feasibility for the control of fugitive emissions from limestone, coal storage areas will be decided by National Task Force (NTF) shall submit its recommendations within three months	CPCB Environmental Guidelines for Prevention and Control of Fugitive Emissions from Cement Plant are being followed - All transfer points & storage silos have dust collection & extraction system for effective control of Fugitive emission. - The dust collected from Pollution control equipment is being recycled into the process. - All Belt Conveyors provided for transportation of material are fully covered. - Shed Constructed for Storage of Raw Material
7.	CPCB, NCBM, BIS and Oil refineries will jointly prepare the policy on use of petroleum coke as fuel in cement kiln by July 03	It is not applicable to us. standalone Grinding Unit & there is no kiln at our site.
8.	After performance evaluation of various types of continuous monitoring equipment and feedback from the industries and equipment manufacturers NTF will decide feasible unit operations/sections for installation of continuous monitoring equipment. The industry will install the continuous monitoring system (CMS) by December 2003	Continuous Emission Monitoring System (CEMS) is already installed at Cement Mill & Online data is directly transmitted to CPCB's server.

9.	Tripping of kiln ESP to be minimised by July 2003 as per the recommendation of NTF	It is not applicable to us. standalone Grinding Unit & there is no kiln at our site.
10.	Industries will submit the target date to enhance the utilisation of waste material by April 2003	Continuously increasing the production of blended cement by utilizing fly ash.
11.	NCBM will carry out a study on hazardous waste utilisation in cement kiln by December 2003	It is not applicable to us. Ours is a standalone Grinding Unit & there is no kiln at our site.
12.	Cement industries will carry out feasibility study and submit target dates to CPCB for cogeneration of power by July 2003	It is not applicable. Ours is a standalone Grinding Unit & there is no kiln at our site.

ANNEXURE-4

BAG FILTER DETAIL

Cement Mill Bag filter details- Bara Cement Works			
SN	TAG No.	Location	Capacity (M3/Hr)
1	491BF2	Truck Tippler-1	25000
2	491BF3	Truck Tippler-2	25000
3	491BF4	Clinker transport	9000
4	491BF7	Clinker Silo	18000
5	511BF1	Clinker Silo extraction belt discharge	18000
6	511 BF2	Clinker Hopper top	10000
7	512BF1	Clinker Hopper top	10000
8	K31 BF3	Gypsum Hopper	6500
9	K32BF1	Gypsum Hopper	6500
10	532BF1	Weigh Feeder discharge Bag Filter	18000
11	542BF1	RP Recirculation	14000
12	542BF2	Roller Press	35000
13	542BF3	Roller Press	25000
14	552BF1	Roller Press-2 Aux.	8500
15	582BF1	Seperator Bag Filter	76000
16	592BF1	Cement Transport to Silo-2	8500
17	592BF4	Cement Silo Top	8500
18	562BF1	Mill Vent Bag Filter	80000
19	572BF1	Mill Recirculation Bag Fiter	8500
20	K42BF1	Fly Ash Silo Top	20000

[Handwritten signature]

[Handwritten signature]

SN	TAG No.	Location	Capacity (M3/Hr)
21	K72FB1	Fly Ash Bin	8500
22	K72BF2	Fly ash Feed	5000
23	611 BF1	Cement Silo Extraction Bin	15000
24	641 BF1	Packer-1	36000
25	641 BF2	Packer-1	15000
26	642 BF1	Packer-2	36000
27	642 BF2	Packer-2	15000
28	643 BF1	Packer-3	36000
29	643 BF2	Packer-3	15000
30	644 BF1	Packer-4	36000
31	644 BF2	Packer-4	15000
32	645 BF1	Packer-5	36000
33	645 BF2	Packer-5	15000
34	646 BF1	Packer-6	36000
35	646 BF2	Packer-6	15000

[Handwritten signature]

[Handwritten signature]

Ultratech Cement Limited
 (Unit: Bara Cement Works)
 Post-Lohgara, Tahsil-Bara
 Distt-Prayagraj, UP-21210

ANNEXURE-5

SWEEPING MACHINE LOG BOOK

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
2/8/22	C.C.R	कोमलौर	0669	0674				
3/8/22	CCRTS	श्रीकेशपुरी	0674	0680	30ली०			
4/8/22	CCRTS	श्रीकेशपुरी	0680	0684				
5/8/22	CCRTS	कोटा	0684	0685			सुदाम बापराव	
6/8/22	CCR	कोटा	0685	0692	30ली०			
7/8/22	CCR	श्रीकेशपुरी		11				
8/8/22	CCR	कोटा	0692	0695				
9/8/22	CCRTS	श्रीकेशपुरी	0695	0699	30ली०			
10/8/22	CCRTS	कोमलौर	0699	0704				

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली		Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation ऑफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक	माइलेज कि.मी. चली	Date तिथि	Qty. तादाद		
16/8/22	धारा	खार	आधार	0674	0704				
17/8/22	CCR	से	-11	0704	0706				
23/8/22	धारा	"	आधार	0706	0708				
24/8/22	"	"	"	0708	0712				
25/8/22	CCR	से	"	0712	0713				
25/8/22	CCR	से	"	0713	0714				
29/8/22	धारा	खार	"	0714	0717				
30/8/22	CCR	से	आधार	0717	0719				
31/8/22	CCR	से	आधार	0719	0722				
1/9/22	CCR	से	आधार	0722	0725				
2/9/22	धारा	खार	आधार	0725	0729				

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage किलोमीटर कवरेज	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
9/9/22	T.P.S.	रकबा	729		35 लिटर			
10/9/22	गारवाटिक	मंझी						
11/9/22	मार्ग (विद्युत) स्टेशन			731				
12/9/22	CCR पोस्ट	धरबापुर	731	737				
13/9/22	CCR पोस्ट	अमनोहर	737	742	20 लिटर			
14/9/22	धरबापुर	दीन-उन्नीस	742	745				
15/9/22	धरबापुर	राज	745	748	30 लिटर			
16/9/22	धरबापुर		748	752				
17/9/22	विमानखाना		752	1111				
19/9/22	CCR पोस्ट	मोहनपुर	752	758	30 लिटर			
20/9/22	CCR पोस्ट	मोहनपुर	758	762				
21/9/22	धरबापुर		762	765	30 लिटर			
22/9/22	T.P.S.	राज	765					

Available at : S.S. Store Prayagraj.

लगा बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और फ
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादर	
23/9/22	कुतरा	मजामा	765	11				
24/9/22	11	11	765					
25/9/22	15	11	765					
26/9/22	CCR स्टॉप	आरंभ: 11:15	765	771				
27/9/22	CCR फॉकलैंड-स्टॉप		771	776	30 लि			
28/9/22	आरंभ: 11:15	आरंभ: 11:15	776	782				
29/9/22	CCR स्टॉप	4:15	782	786	30 लि			
30/9/22	CCR स्टॉप	आरंभ: 11:15	786	790				
1/10/22	CCR फॉकलैंड-स्टॉप		790	795	30 लि			
2/10/22	H0	H0	795	H0				
3/10/22	फॉकलैंड-स्टॉप	आरंभ: 11:15	795	796				
4/10/22	CCR फॉकलैंड-स्टॉप	आरंभ: 11:15	796	800				
5/10/22	H0	H0						

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और डिजाइनेशन
	From कहीं से	To कहीं तक	From कहीं से	To कहीं तक		Date तिथि	Qty. तादाद	
19/10/22	CCR 15	डाबल	848	854		204x		
20/10/22	CCR कानपुर स्टेशन		854	859				
21/10/22	CCR 15	आमनाथ	859	864				
22/10/22	CCR कानपुर	थाना	864	869				
23/10/22	R	R	R	R				
24/10/22	CCR 15	डाबल	869	873				
25/10/22	H.		H.					
26/10/22	कानपुर	डाबल	873	877				
27/10/22	CCR 15	डाबल	877	880				
28/10/22	CCR	थाना	880	882				
29/10/22	कानपुर		882	884				
30/10/22	w/o							
31/10/22	कानपुर							

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
1/11/22	CCRD	जिला	882	887				
2/11/22	बनारसीधर	दिल्ली	887	887				
3/11/22	बनारसीधर	दिल्ली	887	887				
4/11/22	CCRD	कोटा	887	892				
5/11/22	CCRD	जिला C.M.	892	897	30ली			
6/11/22	W/O							
7/11/22	CCRD	जिला H. K.	897	902	30ली			
8/11/22	CCRD	जिला	902	906				
9/11/22	CCRD	जिला	906	911	30ली			
10/11/22	CCRD	C.M. जिला	911	914				
11/11/22	CCRD	जिला	914	919				
12/11/22	CCRD	C.M.	919	923	30ली			
13/11/22	CCRD	जिला	923	928				

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहीं से	To कहीं तक	From कहीं से	To कहीं तक		Date तिथि	Qty. तादाद	
14/11/22	CCR	HS Mall	928	929				
15/11/22	स्टिज ग्लास जस्टि	जस्टि	929	930				
16/11/22	CCR स्ट्रॉट्स	पार्क	930	933	30 Lit	343 Lit		
17/11/22	CCR धीरे	इंजिन एंड ड्राइव	933	939				
18/11/22	CCR C.M.	इंजिन	939	943	30 Lit	343 Lit		
19/11/22	CCR धीरे	इंजिन	943	949				
20/11/22	W/O		W/O					
21/11/22	CCR धीरे	इंजिन	949	954	30 Lit			
22/11/22	धीरे	इंजिन	954					
23/11/22	धीरे	इंजिन						
24/11/22								

Available at : S.S. Store Prayagraj.

लगा बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Millage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और डिजाइन
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
25/11/22	CCR कानपुर	W/o	955	958				
26/11/22	CCR कानपुर	c.m.p.p.	958	962	30 Litre			
27/11/22	W/o		W/o					
28/11/22	CCR कानपुर	दुधमस्ता	962	966				
29/11/22	CCR कानपुर	कोनाट	966	971				
30/11/22	CCR	साइबल	971	975				
1/12/22	CCR कानपुर	दुधमस्ता	975	980	30 Litre			
2/12/22	CCR कानपुर	दुधमस्ता	980	985				
3/12/22	CCR कानपुर	दुधमस्ता	985	990	30 Litre			
4/12/22	W/o		W/o					
5/12/22	CCR कानपुर	प.प.क.	990	993				
6/12/22	CCR कानपुर	प.प.	993	997	30 Litre			
7/12/22	CCR कानपुर	क.म.प.प.	997	1003				

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. बुकी	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
8/12/22	CCRD कहाँ से	कहाँ तक	9003	1008	30 लि०			
9/12/22	CCRD कहाँ से	P.P. कहाँ तक	9008	1010				
10/12/22	CCRD कहाँ से	कहाँ तक	1010	1016				
11/12/22	W/O		W/O					
12/12/22	CCRD कहाँ से	कहाँ तक	1016	1021	30 लि०			
15/12/22	CCRD कहाँ से	कहाँ तक	1021	1024				
16/12/22	CCRD कहाँ से	कहाँ तक	1024	1030				
17/12/22	CCRD कहाँ से	कहाँ तक	1030	1034	30 लि०			
18/12/22	W/O		W/O					
19/12/22	CCRD कहाँ से	कहाँ तक	1034	1040				
20/12/22	CCRD कहाँ से	कहाँ तक	1040	1044				
21/12/22	CCRD कहाँ से	कहाँ तक	1044	1049	30 लि०			
22/12/22	CCRD कहाँ से	कहाँ तक	1049	1054				

Available at : S.S. Store Prayagraj.

लगा बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Millage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
23/12	श्रीधर चौरा		1054	1059	30 Litre			
24/12	कदमत चौरा	चौरा	1059	1064				
25/12	W/O		W/O					
26/12	चौरा	उसका	1064	1069	50 Litre			
27/12	श्रीधर चौरा		1069	1074				
28/12	चौरा	प.प.का	1074	1079	30 Litre			
29/12	श्रीधर चौरा		1079	1085	25 Litre			
30/12	चौरा	श्रीधर	1085	1088				
31/12	चौरा	श्रीधर	1088	1094				
1/1/23	W/O							
3/1/23	चौरा	P.P.का	1094	1099	30 Litre			
4/1/23	श्रीधर चौरा		1099	1100				

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
5/1/23	T.P.S.	खरान	1100					
6/1/23	T.P.S. सरीस खरान							
7/1/23	T.P.S. खरान							
8/1/23	W/O							
9/1/23	T.P.S.							
10/1/23	नासिक पीकना दरवाजा							
11/1/23	4	5						
12/1/23	4	11						
13/1/23	4	4						
14/1/23	4	4						
15/1/23	W/O							
16/1/23	4	4						
17/1/23	4	11						

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
18/1/23	CCD.	CCM.Ckt	1102	1105				आफिस नाम और पद
19/1/23	CCR.G.m.P.P.		1105	1108				
20/1/23	CCD.	CCM.Ckt	1108	1113	30 Litre	30.00		
21/1/23	CCR.G.m.P.P.		1113	1116				
22/1/23	W/O							
23/1/23	CCM.P.P.		1	1				
24/1/23	CCR.G.m.P.P.		1116	1121	30 Litre	30.00		
25/1/23	CCR.G.m.P.P.		1121	1126				
26/1/23	HO							
27/1/			1126	1127				
28/1/23	CCR.G.m.P.P.		1127	1131				
29/1/23	W/O							
30/1/23	CCR.C.M.P.P.		1131	1136	30 Litre	30.00		

Available at : S.S. Store Prayagraj.

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कवरेज	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम अं
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
31/1/23	CCR	CCR	1136	1140	30 लि०			
1/2/23	CCR	CCR	1140	1144	30 लि०			
2/2/23	CCR	CCR	1144	1149	?			
10/2/23	P.P.	P.P.	1151	1153	30 लि०			
14/2/23	CCR	CCR	1158	1158				
17/2/23	CCR	CCR	1158	1159				
21/2/23	CCR	CCR	1159	1164	30 लि०			
22/2/23	CCR	CCR	1164	1168				
23/2/23	CCR	CCR	1168	1170				
27/2/23	CCR	CCR	1170	1172				
28/2/23			1172	1175	30 लि०			

Available at : S.S. Store Prayagraj.

लाग बूक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
11/3/23	c.c.R.	c.m.	1175	1177				
2/3/23	c.c.R.		1177	1178				
3/3/23	c.c.R.	P.P.	1178	1179				
11/3/23	c.c.R.	P.P.	1179	1182				
5/3/23	w/o							
6/3/23	A							
7/3/23	c.c.R.	c.m.	1182	1185				
8/3/23	c.H.o							
9/3/23	c.c.R.		1185	1186				
10/3/23	c.c.R.	P.P.	1186	1189				
11/3/23	c.c.R.	P.P.	1189	1191				
12/3/23	w/o							
13/3/23	c.c.R.	P.P.	1191	1193				

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
14/3/23	CCR.C.M.P.P.		1193	1196	30 Km			Pr
15/3/23	CCR.C.M.P.P.		1196	1197+1201				
16/3/23	CCR.C.M.P.P.		1201	1205				
17/3/23	CCR.C.M.P.P.		1205	1209	30 Km			
18/3/23	CCR.C.M.P.P.		1209	1213				
19/3/23	W/O							
20/3/23	P.R.		1213	1214				
21/3/23			1214					
22/3/23	CCR.C.M.P.P.		1214	1216				
23/3/23	CCR.	C.M.	1216	1218	30 Km			
24/3/23	CCR.C.M.P.P.		1218	1223				
25/3/23	CCR.C.M.P.P.		1223	1221				
26/3/23	W/O							

Available at : S.S. Store Prayagraj.

लाग बुक

(LOG BOOK)

etc

Date तिथि	Time समय		Kilometer/Km./Reading किलोमीटर/कि.मी./रीडिंग		Milage/Km Coverage माइलेज कि.मी. चली	Petrol & Oil used पेट्रोल और तेल खर्च		Office Name & Designation आफिस नाम और पद
	From कहाँ से	To कहाँ तक	From कहाँ से	To कहाँ तक		Date तिथि	Qty. तादाद	
27/3/23	नै. कैं. से	कैं. तक	1226	1228	30 लि०			3403158
28/3/23	CCR. P. D. का	दामदौरा	1228	1231				
29/3/23	कैं. से	कैं. तक	1231	1235				
30/3/23	CCR. C. M. P. D.		1235	1238	30 लि०			3403158
31/3/23	CCR. का	कैं. तक	1238	1243				
1/4/23	CCR. का	कैं. तक	1243	1245				
2/4/23	W/O		11	11				
3/4/23	CCR. P. D. का	कैं. तक	1245	1249	30 लि०			3403158
4/4/23	CCR. का	कैं. तक	1249	1252				
5/4/23	CCR. P. D. का	कैं. तक	1252	1254				
6/4/23	CCR. का	कैं. तक	1254	1256				
7/4/23	CCR. P. D. का	कैं. तक	1256	1258				
8/4/23	CCR. P. D. का	कैं. तक	1258	1262	30 लि०			3403158

Available at : S.S. Store Prayagraj.

ANNEXURE-6

OIL SPILLAGE RELEASE AND RESPONSE SOP

Annexure-6

OIL SPILLAGE RELEASE AND RESPONSE SOP

UltraTech Bara Cement Works

SCOPE:

This SOP complements the UNL Spill Prevention Control and Countermeasures Plans (SPCC Plans) which were developed and implemented pursuant to the Oil Pollution Prevention Regulations (40 CFR 112). It also complements UNL's Small Municipal Separate Storm Sewer System (SMS4) National Pollutant Discharge Elimination System (NPDES) Permit. The purpose of this SOP is to provide awareness of the hazards of various types of oils, guidance for minimizing the potential for oil spills/releases, and action to take in response to an oil spill or release to mitigate threats to the environment, property, and persons. In the context of the SPCC regulations, the definition of 'oil' includes gasoline, fuel oils, lubricating oils, bunker oils, transformer oils, and cooking oils and grease

PHYSICAL AND HEALTH HAZARDS OF VARIOUS OILS:

- Gasoline - Gasoline is very volatile and flammable. It can be ignited by sparks and flames, even at very cold outdoor temperatures. Gasoline vapors can travel to distant ignition sources and flash back. In confined and poorly ventilated areas, vapors can accumulate to explosive levels. Gasoline is toxic, and is particularly dangerous by the inhalation route of exposure. However, it has good warning properties (i.e., is easy to smell) and well defined exposure symptoms (nausea, dizziness, headaches).
- Fuel oil - Fuel oil, such as diesel fuel, is somewhat volatile and flammable. It can be easily ignited only when heated above 100°F (i.e., a hot day or exposure to other heat sources). Vapors can travel to ignition sources and flash back. In confined and poorly ventilated areas, vapors can accumulate to explosive levels. Fuel oil is much less toxic than gasoline. Warning properties and exposure symptoms are similar to gasoline
- Bunker oil - Bunker oil is less volatile than diesel fuel. It must be heated to over 140°F before it produces enough vapors to ignite in the presence of sparks or flames. Thus, with the possible exception of spills on summer, sun-baked asphalt, or other intense sources of heat, it cannot catch fire. Since it is not very volatile, it does not pose much of an inhalation hazard. Danger from other routes of exposure is small.
- Lubricating oil - Lubricating oil, such as motor oil, is not volatile but is combustible. Lubricating oil must be heated to over 400°F to burn. Thus, for lubricating oil to catch fire some other intense source of heat must be present (i.e., other materials on fire,

hot engine manifold, etc.). It poses essentially no inhalation hazard unless it is being misted. Danger from other routes of exposure is small.

- Transformer oil - Transformer oil is used to conduct heat away from and electrically insulate equipment used to convert electricity from high amperage to low amperage lines. With a flashpoint greater than 230°F, it is combustible. For it to catch fire, some other intense source of heat must be present (i.e., other materials on fire, electrical arcing, etc.). It poses essentially no inhalation hazard unless it is being misted. Danger from other routes of exposure is also small. However, if the oil contains PCBs, skin contact or inhalation of mists presents serious danger. PCBs are carcinogens. Few, if any, PCB-contaminated oils are present at UNL.
- Cooking oil and Grease - Cooking oil and grease are not volatile, but they are combustible. Both must be heated to over 400°F to burn. Thus, for cooking oil or grease to catch fire, some other intense source of heat must be present (i.e., other materials on fire, hot burners, pilot lights, etc.). It poses essentially no inhalation hazard unless it is being misted. Danger from other routes of exposure is small.

ENVIRONMENTAL HAZARDS

Oils that enter storm drains and waterways leading to lakes and streams are a serious environmental hazard. Oils can damage plants and animals in fresh water and marine systems. Birds, fish and other wildlife can be directly affected by contact and indirectly affected by loss of food sources and habitat. Economic hazards can be drastic as well, requiring extensive cleanup, habitat restoration, and legal costs.

PLANNING AND PREPARATION

Spill kits have been established at many sites around campus where significant volumes of oil are stored. The amount of spill materials kept at each location depends on the volume of oils stored there. Spill kit materials will assist in creating berms around and absorbing spilled oils. The absorbents are of two types: diatomaceous earth (Oil Sorb) and polypropylene. Oil Sorb is supplied in 25-pound paper bags. Polypropylene is supplied as socks, pillows, and pads. The use and limitations of each is described below.

Absorbent Type	Use	Limitation
Oil Sorb	Spread on the leading edge of an oil spill and work back to the source.	Can absorb its weight in oil. Will absorb both water and oil. Does not float on water.
Polypropylene	Spread on the leading edge of an oil spill and work back to the source.	Can absorb 25 times its weight in oil. Will only absorb oil. Will float on water even if oil saturated.

Blocking/diking materials are also of two types: sand bags and elastomer mats and berms. The use and limitation of each is described below.

Diking Material	Use	Limitation
Sand Bags	Place in path of flow and butt the ends of the bags tightly to each other to form a barrier.	Getting a good seal between adjacent bags and the ground can be difficult. Use absorbent to catch leakage. Each bag weighs about 70 pounds and thus is difficult for some to move.
Elastomer Mats	Place over storm or sanitary drains to seal them.	May not completely cover some larger drains. May not form a perfect seal on rough surfaces or along curbs.
Elastomer Berms	Place in the path of flow to form a barrier or lay around drain openings to form a barrier.	May not completely encircle some larger drains. May not form a perfect seal on rough surfaces or along curbs.

INCIDENTAL OIL SPILL RESPONSE PROCEDURES

An incidental spill is a manageable spill that poses low risk to safety and health and is not likely to adversely impact the environment. Incidental oil spill response procedures are as follows:

- ✓ Eliminate the source of the spill by up righting drums or other containers, closing valves, or other similar actions.
- ✓ Prevent the oil from leaving the building, spreading to adjacent areas, or entering drains by absorbing flowing oil, diking the area, and/or using drain plugs/barriers.
- ✓ Spread absorbents over the surface of the spill working from the perimeter of the spill to its center. Socks and pillows work best on pooled liquid while pads have an advantage on thin layers of oil.
- ✓ Contaminated absorbents of less than 5 gallons/30 pounds containing diesel fuel, motor oil, bunker oil and non-PCB containing transformer oil can be disposed as normal trash. Absorbents from all gasoline and PCB transformer oil spills and volumes of absorbents greater than 5 gallons/30 pounds must be sent to EHS for disposal. Containerize spill residues (i.e. contaminated socks, pads, Oil Sorb, etc.) and tag for collection by EHS.

EMERGENCY OIL SPILLS

The Incidental Oil Spill procedures must be modified for a spill that is an emergency. An emergency situation exists when:

- ✓ The quantity of spilled oil is 25 gallons or larger, or
- ✓ The spill has entered a sanitary or storm drain, or
- ✓ The spill has entered a ground or surface water, or
- ✓ The spill cannot be contained or stopped, or
- ✓ The spill poses a fire/explosion hazard, or
- ✓ Additional spill equipment is needed and is not immediately available

In the case of an emergency spill, the person discovering it should summon emergency responders by dialing '209' and remain in the vicinity but at a safe distance until released by emergency responders. If it is safe to do so:

- ✓ Take action to stop the spill if it is continuing (i.e. shutting off valves, up righting containers, etc.),
- ✓ Take action to prevent the spill from entering sewers or streams and to minimize the area affected. Such actions might consist of absorbing flowing oil or diking the area with sand bags, elastomer mats, or elastomer berms, etc.

ANNEXURE-7

VEHICLE FITNESS CHECK LIST

ANNEXURE : B - HEAVY VEHICLE INSPECTION CHECKLIST

Checklist Serial No. :			Date : 23/3/23	23/6/23	
Name of Transporter :			Vehicle Reg No.	UP70FT6161	
Driver Name / DL No : <u>उशीर</u> UP96-20170001164 रोहित			Mobile No	No	
Norms	S.N.	Description of Check Point	YES/NO	Comments	
Driver	1	Driver having Valid License	वैद्य ड्राइविंग लाइसेंस	✓	18/11/24
	2	Driver passed the Alcohol Test (Based on Breath Analyser result)	क्या चालक ने एलकोहल टेस्ट पास कर लिया है।	L	
	3	Driver having and using			
	a	Safety Helmet	सुरक्षा हेलमेट	L	
	b	Safety Shoes	सुरक्षा जूते	L	
	c	Reflective Jacket	दूर से चमकने योग्य रिफ्लेक्टिव जैकेट	L	
VEHICLE CONDITI ON/ ROAD WORTHI NESS	4	Valid Documents			
	a	RC Book	वाहन पंजीकरण	L	30/3/17
	b	Fitness certificate	आरटीओ रोड पात्रता/ फिटनेस प्रमाण पत्र	L	29/3/23
	c	Insurance	वाहन बीमा	✓	20/3/23
	d	Permit	परमिट	L	28/3/23
	e	PUC	प्रदूषण सर्टिफिकेट (पीयूसी)		1 N/A
	5	Lights & horn			
	a	Head Light Working	हेड लाइट कार्य योग्य	✓	
	b	Rear Light Working	बैक लाइट कार्य योग्य	✓	
	c	Horn working and Audible	हॉर्न होना चाहिए	✓	
	d	Reverse Horn working and Audible	रिवर्स हॉर्न होना चाहिए	✓	
6	Brakes				
a	Brakes in working order	कार्य योग्य ब्रेक	✓		
b	Hand brakes in working order	कार्य योग्य hand ब्रेक	✓		
7	Mirror & wipers				
a	Rear view mirror available	राइट और लेफ्ट मिरर की उपलब्धता	✓		
b	Windscreen wipers in working condition	विंडस्क्रीन टूटा नहीं होना चाहिए	L		
8	No hazardous good kept inside cabin (Stove, kerosene, Chemicals)				
RESULT	Vehicle Acceptable for Entry				
OTHER DEVIATION COMMENTS					
CHECKED BY & SIGNATURE					

ANNEXURE : B - HEAVY VEHICLE INSPECTION CHECKLIST				
Truck Serial No. :			Date :	
Name of Transporter :			Vehicle Reg No.	
Driver Name / DL No :			Mobile No	
			YES/NO	Comments
DRIVER	1	Driver having Valid License	वैध ड्राइविंग लाइसेंस	
	2	Driver passed the Alcohol Test (Based on Breath Analyser result)	यदि चालक ने एल्कोहल टेस्ट पास कर लिया है।	
	3	Driver having and using		
	a	Safety Helmet	सुरक्षा हेलमेट	
	b	Safety Shoes	सुरक्षा जूते	
	c	Reflective Jacket	दूर से चमकने योग्य रिफ्लेक्टिव जैकेट	
VEHICLE	4	Valid Documents		
	a	RC Book	वाहन पंजीकरण	
	b	Fitness certificate	आरटीओ रोड पात्रता/ फिटनेस प्रमाण पत्र	
	c	Insurance	वाहन बीमा	
	d	Permit	परमिट	
	e	PUC	प्रदूषण सर्टिफिकेट (पीयूसी)	
	5	Lights & horn		
	a	Head Light Working	हेड लाइट कार्य योग्य	
	b	Rear Light Working	बैक लाइट कार्य योग्य	
	c	Horn working and Audible	हॉर्न होना चाहिए	
d	Reverse Horn working and Audible	रिवर्स हॉर्न होना चाहिए		
BRAKES	6	Brakes		
	a	Brakes in working order	कार्य योग्य ब्रेक	
	b	Hand brakes in working order	कार्य योग्य hand ब्रेक	
MIRRORS & WIPERS	7	Mirror & wipers		
	a	Rear view mirror available	राइट और लेफ्ट मिरर की उपलब्धता	
	b	Windscreen wipers in working condition	विंडस्क्रीन टूटा नहीं होना चाहिए	
OTHER REQUIREMENTS	8	No hazardous good kept inside cabin (Stove, kerosene, Chemicals)		
	9	Vehicle Acceptable for Entry		
SIGNED BY & SIGNATURE				

[See rules 115 (2)]

Pollution Under Control Certificate

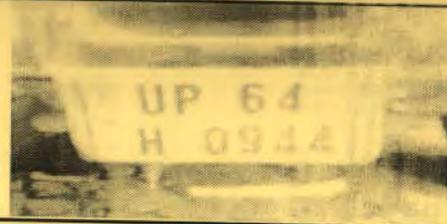
Authorised By :
Government of Uttar Pradesh

Date : 28/01/2023
Time : 10:50:11 AM
Validity upto : 27/07/2023



Certificate SL. No. : UP07002020000316
Registration No. : UP64H0944
Date of Registration : 28/Feb/2007
Month & Year of Manufacturing : February-2007
Valid Mobile Number : *****7708
Emission Norms : BHARAT STAGE III
Fuel : DIESEL
PUC Code : UP0700202
GSTIN :
Fees : Rs.105.00
(GST to be paid extra as applicable)
MIL observation : No

Vehicle Photo with Registration plate
60 mm x 30 mm



Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC/HC)	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	1.48

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Value
Amount

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to <https://puc.parivahan.gov.in>

Authorised Signature with stamp of PUC operator
60mm x 20 mm

वहन प्रवृत्तन जीव केंद्र
हीरा फिलिंग स्टेशन
कपारी मोड़, हाकरगढ़-प्रयागराज

ANNEXURE-8

OCCUPATIONAL HEALTH CHECK-UP REPORT

Patient Name : Mr. MUKESH KUMAR SINGH	Patient ID : DL22099000502
Age/Sex : 35 Y 0 M 9 D / Male	Serial No : 575
Referred by Dr. : SELF	Register On : 15-November-2022
Sample From : ULTRATECH BARA.	Printed On : 15-November-2022
Lab ID : 307 VEERA-70307	

Investigation	Observed Value	Unit	Biological Ref Range
<u>HEMATOLOGY</u>			
<u>COMPLETE BLOOD COUNT</u>			
HAEMOGLOBIN (HB)	15.50	gm/dl	12.00 - 16.00
TOTAL LEUCOCYTE COUNT(TLC)	6400	/cumm	4,000.00 - 11,000.00
<u>DLC (DIFFERENTIAL LEUCOCYTE COUNT)</u>			
NEUTROPHILS	54	%	40.00 - 80.00
LYMPHOCYTES	39	%	25.00 - 40.00
MONOCYTES	04	%	1.00 - 5.00
EOSINOPHILS	03	%	1.00 - 6.00
BASOPHILS	00	%	0.00 - 1.00
ESR	06	mm/hr	0.00 - 20.00
<u>OTHER PARAMETERS</u>			
ERYTHEOCYTES(RBC)	5.68	mil/cu.mm	4.00 - 6.10
HCT(PCV)	46.7	%	35.00 - 55.00
MCV	95.0	femtoliter	76.00 - 100.00
MCH	30.5	picogram(s)	27.00 - 32.00
MCHC	34.0	g/dl	30.00 - 35.00
PLATELETS	2.76	Lakh/cmm	1.50 - 4.50

Specimen : EDTA BLOOD

Comment : A complete blood count (CBC) is used to evaluate overall health and detect wide range of disorders, including anemia, infection and leukemia. There have been some reports of WBC and platelet counts being lower in venous blood than in capillary blood samples, although still within these reference ranges.



Abid Deshmukh
M. Sc. (Microbiologist)



Dr O.P. Midha
M.B.B.S MD
CONSULTANT PATHOLOGIST



Patient Name	: Mr. MUKESH KUMAR SINGH	Patient ID	: DL22099000502
Age/Sex	: 35 Y 0 M 9 D / Male	Serial No	: 575
Referred by Dr.	: SELF	Register On	: 15-November-2022
Sample From	: ULTRATECH BARA.	Printed On	: 15-November-2022
Lab ID	: 307 VEERA-70307		

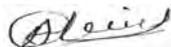
Investigation	Observed Value	Unit	Biological Ref Range
---------------	----------------	------	----------------------

BIOCHEMISTRY

BLOOD SUGAR RANDOM	91.0	mg/dl	70.00 - 150.00
--------------------	------	-------	----------------

Specimen : BLOOD

Comment :	<p>Interpretation (In accordance with the American diabetes association guidelines) : 1). A fasting plasma glucose level below 110 mg/dl is considered normal. 2). A fasting plasma glucose level between 100-126 mg/dl is considered glucose intolerant or pre diabetic. 3). A fasting and post- prandial blood sugar test. 4). A fasting plasma glucose level of above 126 mg/dl is highly suggestive of a diabetic state.A repeat fastig test is strongly recommended for all such patients . A fasting plasma glucose level in excess of 128 mg/dl on both the occasions is confirmatory of a diabetic state.</p>
------------------	--



Abid Deshmukh
M. Sc. (Microbiologist)



Dr O.P. Midha
M.B.B.S MD
CONSULTANT PATHOLOGIST



Patient Name	: Mr. MUKESH KUMAR SINGH	Patient ID	: DL22099000502
Age/Sex	: 35 Y 0 M 9 D / Male	Serial No	: 575
Referred by Dr.	: SELF	Register On	: 15-November-2022
Sample From	: ULTRATECH BARA.	Printed On	: 15-November-2022
Lab ID	: 307 VEERA-70307		

Investigation	Observed Value	Unit	Biological Ref Range
---------------	----------------	------	----------------------

URINE EXAMINATION TEST**PHYSICAL EXAMINATION**

Quantity	30		
Colour	Pale Yellow		Pale Yellow
Transparency	Clear		Clear
Specific Gravity	1.025		1.005-1.030

URINE CHEMICAL EXAMINATION

pH	6.0		4.7-7.5
Urine Glucose	Negative		Negative
Urine Protein.	Negative		Negative
Urobilinogen	Negative		Normal
Blood pigment	Negative		Negative
Nitrate	Negative		Negative

URINE MICROSCOPIC EXAMINATION

Pus Cells.	3-4	/hpf	3-5
Epithelial Cells	2-3	/hpf	4-6
R.B.C.	NIL		Not Seen
Bacteria	Not Seen		Not Seen
Casts	Not Seen		Not Seen
Crystal	Not Seen		Not Seen

** END OF REPORT **



Abid Deshmukh
M. Sc. (Microbiologist)



Dr O.P. Midha
M.B.B.S MD
CONSULTANT PATHOLOGIST



ANNEXURE-9

CSR DETAILS

CSR Activities			
Year	Activity	Impact of Society (Nos.)	Remarks
		693	131
2020-21	120 Packets Dry Ration(10 KG Atta,05 Kg Potato, 03 KG Rice, 01 KG Pulse, 10 Pkg Biscuit, 02 Soap,250 ML Mustard Oil)	120	In Covid 19 pandemic many people were suffering with Covid and there was scarcity of the food materials. UltraTech, Bara Unit came forward to help needy people and patients. This has been established for upliftment women in nearby villages. Many families are underprivileged and in winter season they were not having any sufficient clothing.
	250 Packets Dry Ration(5 KG Atta, 02 KG Rice, 01 KG Pulse, 01 Pkt Salt)	250	
	Nose Mask	500	
	Establish Women Help Desk at Shankargarh	Entire Area covering 8-10 villages	
	Blanket distribution	300	
2021-22	Water Cooler installed in CHC Shankargarh Water cooler installed at Tehsil Bara	1000	Water Cooler is catering around 1000 people.
	School Bag Distribution in near by schools	600	
	Blanket Distribution	500	Many families are underprivileged and in winter season they were not having any sufficient clothing.
	Ceiling Fans distributed at CHC Shankargarh, BARA to provide facilities to patients.	Every patients of hospital	Since government hospital were not having ceiling fans, therefore we provided the same to the hospital so as to aid comfort to the patients.
	Water Cooler installed at Bara Tehsil. Daily 200 to 300 people availing water cooler.	300	Water Cooler is catering around 300 people.
	Fire safety training room constructed at fire station	300	Fire training room at Prayagraj is an important initiative by UTCL.
2022-23	A Garden has been developed at Bemara Station under CSR to greening the environment.		
	A Culvert has been constructed at Jorwat Village	200	It helps in draining of excess water from the farm of the village. It impacts 120 acres of land.
	Blanket distribution	500	Many families are underprivileged and in winter season they were not having any sufficient clothing.
	Hand Pump installed at Berui Village	500	Based on the survey of drinking water scarcity in nearby villages, company installed Handpump at Berui village.
	Hand Pump installed at Kapari Village	1000	Based on the survey of drinking water scarcity in nearby villages, company installed Handpump at Kapari village.
	Hand Pump installed at Lahagara Village	1000	Based on the survey of drinking water scarcity in nearby villages, company installed Handpump at Lohagara village.
	Hand Pump installed Gadha Katara Village	500	Based on the survey of drinking water scarcity in nearby villages, company installed Handpump at Gadha Katara village.

CSR Activities – FY 2020-21



Established Women Help Desk at Shankargarh. This has been established for upliftment of women in nearby villages. This helpdesk is catering women of 10-15 villages.

CSR Activities – FY 2020-21



In Covid pandemic many people were suffering with Covid and there was scarcity of the food materials. UltraTech, Bara Unit came forward to help needy people and patients.

CSR Activities – FY 2020-21

हॉटस्पॉट गाँव कपारी में अल्ट्राटेक कंपनी ने बांटा मास्क

alok gupta

शंकरगढ़, प्रयागराज। कोरोना प्रभावित गाँव कपारी के पूरे हॉटस्पॉट जोन में अल्ट्राटेक सीमेंट की तरफ से मास्क और सैनिटाइजर का वितरण किया गया। मास्क का वितरण शंकरगढ़ स्थित पीपीजीसीएल पाँवर प्लांट के पुलिस चौकी प्रभारी राम प्रवेश यादव के साथ हमराहियों ने सोशल डिस्टेंसिंग का पालन करते हुए किया। इस दौरान चौकी प्रभारी ने सभी लोगों से कोरोना संक्रमण से बचने की अपील के साथ एक दूसरे से सहयोग करने की अपील की। बता दें कि शंकरगढ़ के कपारी गाँव में 24 अप्रैल को दो कोरोना मरीज मिलने के कारण तीन किमी एरिया को हॉटस्पॉट जोन घोषित किया गया है और लोगों को घरों में ही रहने को कहा गया है। कपारी सहित 3 किलोमीटर के एरिया को पूरी तरह से लॉक डाउन किया गया है। क्षेत्र में स्थित अल्ट्राटेक कंपनी की तरफ से गाँव में रह रहे लोगों को मास्क का वितरण किया गया। पीपीजीसीएल चौकी प्रभारी राम प्रवेश सिंह ने मास्क वितरण करते हुए सभी को निर्देश दिया कि सभी लोग सावधानी बरतें और सामाजिक दूरी बनाते हुए डाउन के नियमों का पालन करें। कंपनी के अनुसार गाँव में राशन पैकेट का भी वितरण कराया जा रहा है।



Blanket and Nose Mask Distribution at Kapari & Shankargarh areas in Covid 19 pandemic.

CSR Activities – FY 2021-22

सीएचसी में लगा कूलर आरओ, मरीजों को मिलेगा शुद्ध शीतल जल

शंकरगढ़। सीमेंट निमाता कंपनी अल्ट्राटेक ने गुरुवार को सामुदायिक स्वास्थ्य केंद्र शंकरगढ़ परिसर में कूलर युक्त आरओ की स्थापना करवाई है। आरओ के लग जाने से मरीजों को काफी सहूलियत होगी। इसका फायदा आसपास के लोग भी उठा सकेंगे। अल्ट्राटेक बारा प्लांट के यूनिट हेड अमिताभ कुमार और सीएचसी के अधीक्षक शैलेन्द्र सिंह ने संयुक्त रूप से आरओ का फीता काटा। अल्ट्राटेक सीमेंट की बारा इकाई द्वारा शंकरगढ़ सामुदायिक केंद्र में आगंतुकों व मरीजों के लिए शुद्ध पेयजल की व्यवस्था सुनिश्चित करवाई गई। इसके लिए सीमेंट कंपनी की तरफ से सीएचसी परिसर में कूलर सह आरओ की स्थापना करवाई गई। अस्पताल अधीक्षक डॉ शैलेन्द्र सिंह ने खुशी जाहिर करते हुए कहा कि अब वैक्सीनेशन व इलाज कराने के लिए आने वाले लोगों के लिए शुद्ध पेयजल की व्यवस्था हो गई है। इससे शंकरगढ़ व आसपास के सैकड़ों लोग भी लाभान्वित होंगे। मौके पर अल्ट्राटेक प्लांट के एचआर हेड ललन सिंह, एचआर ऑफिसर संजीव श्रीवास्तव, रमेश तिवारी, सिक्वोरिटी अफसर राजवीर सिंह व अस्पताल के अन्य कर्मचारी उपस्थित रहे।



अल्ट्राटेक सीमेंट कंपनी ने स्वास्थ्य केंद्र में शुद्ध पेयजल हेतु दी वाटर कूलर सह आरओ मशीन **विनय कुमार साहू (पत्रकार)**

प्रयागराज। शंकरगढ़ क्षेत्र के अल्ट्राटेक सीमेंट की बारा इकाई द्वारा आज शंकरगढ़ सामुदायिक केंद्र में आगंतुकों व मरीजों हेतु शुद्ध पेयजल की व्यवस्था सुनिश्चित करने हेतु वाटर कूलर सह आरओ की स्थापना की गई। जिसका उदघाटन अल्ट्राटेक बारा प्लांट के यूनिट हेड अमिताभ कुमार व अस्पताल के अधीक्षक शैलेन्द्र सिंह द्वारा फीता काटकर की गई। मौके पर अल्ट्राटेक प्लांट के एचआर हेड ललन सिंह, एचआर ऑफिसर संजीव श्रीवास्तव, रमेश तिवारी, सिक्वोरिटी अफसर राजवीर सिंह व अस्पताल के अन्य कर्मचारी उपस्थित रहे।

अस्पताल अधीक्षक शैलेन्द्र सिंह ने खुशी जाहिर करते हुए कहा कि अब वैक्सीनेशन व इलाज कराने के लिए आने वाले लोगों के लिए शुद्ध पेयजल की व्यवस्था हो गई तथा इससे शंकरगढ़ व आसपास के सैकड़ों लोगों को लाभ होगा।

Water Cooler installed at CHC Shankargarh. Approx. hundreds of people availing this facilities daily.

CSR Activities – FY 2021-22

आनलाइन रोजगार मेले में प्रतिभाग कर सकते हैं।

धमांतरण कराने वाले विधायकों के लिए बड़ी मुश्किलों का दौर खड़ा रहता है जबकि पहाड़ों और पठारों

: ...ताकि वैक्सीनेशन के समय गर्मी से बचा जा सके सामाजिक दायित्व के निर्वहन के तहत अल्ट्राटेक ने सीएचसी को प्रदान किए तीन फैन



प्रयागराज/शंकरगढ़। सामाजिक जिम्मेदारियों के निर्वहन में सदैव आगे रहने वाली सीमेंट कंपनी अल्ट्राटेक ने मंगलवार को सामुदायिक स्वास्थ्य केंद्र शंकरगढ़ को तीन फैन प्रदान किया है। कंपनी के अधिकारियों ने सीएचसी परिसर में अधीक्षक डा. शैलेन्द्र सिंह से मुलाकात की और फैन प्रदान किया। अल्ट्राटेक बारा यूनिट के एचआर हेड लल्लन सिंह ने बताया कि मंगलवार को अल्ट्राटेक सीमेंट बारा प्लांट द्वारा सामाजिक दायित्व के निर्वहन के तहत शंकरगढ़ सामुदायिक स्वास्थ्य केंद्र को 03

पेडिस्ट्रल फैन (पंखा) प्रदान किया गया। यह फैन वैक्सीनेशन के दरम्यान गर्मी से बचाव के लिए इस्तेमाल किया जा सकेगा। लल्लन सिंह ने कहा कि कंपनी अपनी सामाजिक जिम्मेदारी को बखूबी समझती है और समय-समय पर इसे निभाती भी है। उन्होंने बताया कि कंपनी आने वाले दिनों में भी सामाजिक सरोकारों का निर्वहन करती रहेगी। इस मौके पर अधीक्षक डॉक्टर शैलेन्द्र सिंह, अल्ट्राटेक बारा यूनिट के सिक्योरटी ऑफिसर राजवीर सिंह, एडमिन के पंकज त्रिपाठी समेत तमाम लोग मौजूद रहे।

Ceiling Fan distributed at CHC Shankargarh, BARA to provide facilities to patients.

CSR Activities – FY 2021-22



महानिदेशक ने किया फायर ट्रेनिंग हॉल का उद्घाटन alok gupta



प्रयागराज। डीजी (फायर सर्विस) ने सिविल लाइंस में फायर स्टेशन परिसर में नवनिर्मित फायर ट्रेनिंग हॉल का उद्घाटन किया। सिविल लाइन, प्रयागराज में स्थित फायर स्टेशन में फायर ट्रेनिंग हॉल का निर्माण अल्ट्राटेक बारा यूनिट द्वारा सामाजिक दायित्व निर्वहन (सीएसआर) के तहत करवाया गया है। डीजी (फायर सर्विस) अविनाश चंद्र मौर्य ने ट्रेनिंग हॉल का उद्घाटन करते हुए अल्ट्राटेक बारा के प्रयासों की सराहना की और मौके पर मौजूद अल्ट्राटेक बारा यूनिट के एचआर हेड ललन सिंह के प्रति इस कार्य के लिए धन्यवाद ज्ञापित किया। मुख्य अग्निशमन अधिकारी डॉ. आरके पांडेय ने अल्ट्राटेक प्रबंधन के प्रति कृतज्ञता प्रकट करते हुए कहा कि अब आम जनमानस में फायर सेफ्टी के प्रति जागरूकता फैलाने के लिए नियमित तौर पर ट्रेनिंग का आयोजन किया जाएगा, जिससे ग्रामीण क्षेत्रों में ग्रीष्म ऋतु लगने वाली आग पे काबू पाना आसान होगा।

Fire safety training hall constructed at fire station Prayagraj. It is an important initiative taken by UltraTech Cement Limited, Bara Unit. All Fire Safety trainees of Prayagraj district are availing this training hall.

CSR Activities – FY 2021-22



**Blanket Distribution at near by Villages – Jorwat, Kapari, Berui & Khansemara.
500 people were benefited.**

CSR Activities – FY 2021-22



अल्ट्राटेक कंपनी ने शंकरगढ़ सरस्वती शिशु मंदिर के 150 बच्चों को किया बैग का वितरण

जिला संवाददाता, विनय कुमार प्रयागराज। अल्ट्राटेक सीमेंट कंपनी बारा ने नगर पंचायत शंकरगढ़ के पंखा टोला के सरस्वती शिशु मंदिर में 150 छात्रों को बैग प्रदान वितरित किया। बैग पाकर बच्चों के चेहरे खिल उठे।

नगर पंचायत शंकरगढ़ के सरस्वती शिशु मंदिर पंखा टोला के 150 छात्रों को निःशुल्क स्कूली बैग वितरित करते हुए अल्ट्राटेक सीमेंट कंपनी के एचआर हेड ललन सिंह ने बताया कि आदित्य बिरला ग्रुप द्वारा शिक्षा व सामाजिक क्षेत्र में हमेशा योगदान दिया जाता है। उन्होंने बच्चों को उज्ज्वल भविष्य की कामना करता की एवं विद्यालय को कंपनी द्वारा और जो भी मदद होगी करवाने की बात कही। विद्यालय के प्रधानाचार्य रामानुज

गुप्ता ने विद्या भारती द्वारा किए जा रहे विविध क्षेत्रों के कार्यों पर प्रकाश डाला। मौके पर अल्ट्राटेक कंपनी के एचआर हेड ललन सिंह,

संजीव कुमार, राघवेंद्र सिंह, शिवम शुक्ला, धीरेंद्र सिंह, पुष्पा देवी, लक्ष्मी देवी, विजय कुमार, जान्हवी, पूजा सिंह, अजीत केसरवानी आदि रहे।



600 School Bags Distribution at Primary Schools of Jorwat, Kapari, Berui & Khansemara.

CSR Activities – FY 2021-22



अल्ट्राटेक कंपनी द्वारा जनहित में किये जा रहे कार्यों की एसडीएम ने की सराहना

विनय कुमार साह (पत्रकार)

प्रयाग केसरी संवाददाता

प्रयागराज। अल्ट्राटेक कंपनी बारा प्लांट द्वारा सामाजिक दायित्वों के निर्वहन के तहत बारा तहसील कार्यालय में वाटर कूलर लगाया गया।

अल्ट्राटेक बारा प्लांट के एचआर हेड ललन सिंह ने बताया की भीषण गर्मी में भी तहसील में आनेवाले नागरिकों, कर्मचारियों व अधिवक्ताओं को शीतल जल की व्यवस्था सुनिश्चित किये जाने को लेकर कंपनी द्वारा वाटर कूलर

प्रदान किया गया है। जिसका उद्घाटन उपजिलाधिकारी बारा सौम्या गुरुरानी द्वारा फीता काटकर किया गया। जनहित में किये गए इस वगैर्य हेतु उपजिलाधिकारी बारा द्वारा अल्ट्राटेक बारा प्लांट के एचआर हेड ललन सिंह को धन्यवाद देते हुए अल्ट्राटेक प्रबंधन द्वारा सी एस आर के तहत इलाके में निरंतर किये जाने वाले जनहित कार्यों की प्रशंसा की। मौके पर सैकड़ों गणमान्य लोग रहे।



Water Cooler installed at Bara Tehsil. Daily 200 to 300 people availing water cooler.

CSR Activities – FY 2022-23



500 Blanket Distribution at near by villages Berui, Kapari, Jorwat & Khansemera.

CSR Activities – FY 2022-23



A Garden has been developed at Bemara Station under CSR to greening the environment.

CSR Activities – FY 2022-23



**Hand pumps installed at villages of Gadha Katra, Lohgara(Sapera Basti),Kapari & Berui.
More than 3000 people availing the drinking water facility.**

CSR Activities – FY 2022-23



A Culvert has been constructed at Jorwat Village for draining of excess water from the farm. It impacts 120 acres of land.

CSR PLAN | Bara Cement Works | FY - 2023 - 24

Sector	Project Activities	Project Planning	Budget (in lacks)
	1		
1. Education and Capability Enhancement	Education Material (Study materials, Uniform, Books etc)	Provide education materials to students	1.00
1. Education and Capability Enhancement	Buildings and Civil structures(renovation and maintainance)	Renovation of Government primary / middle schools	6.00
	Grand Total		7.00
	2		
2. Health Care	Eye camps	Eye check up camp and cataract Surgery camps in phased manner	2.00
2. Health Care	Buildings and Civil structures(renovation and maintainance of PHC/ CHC)	Support to Primary Health Centres & Community Health Centres	9.00
2. Health Care	Cotribution to Swach Bharat Kosh	Construction of a community toilet	6.00
2. Health Care	Drinking water new sources (Handpump/RO/Water Tank/well)	Regular water supply through tankers	5.00
2. Health Care	Drinking water existing sources (operation/maintainance)	Repairing of handpumps/ borewell - 10 nos.	4.00
	Grand Total		26.00
	3		
3. Sustainable Livelihood	Agriculture & Horticulture training programme/ Farmers group	Training to farmers on advanced agricultural skills for building FPOs in collaboration with Krishi Vikas Kendra	0.50
3. Sustainable Livelihood	Treatment and vaccination	Veterinary camp for enhancing farmers' income	1.00
3. Sustainable Livelihood	Support to SHGs for entrepreneurial activities	Facilitate Aachar/ Sauce/ Papd/ Badi making through SHG members	0.75
3. Sustainable Livelihood	Water conservation and harvesting(smallstructures/ bigger structures)	Construction of a water shed management in a nearby village and Rainwater harvesting/ Check-dam project/ Construction/ deepening of pond	5.00
3. Sustainable Livelihood	Plantation / Green Belt Development / Roadside Plantation		8.00
	Grand Total		15.25
	4		
4. Infrastructure Development	Repair Roads/Culverts/Bridges/Bus Stands	Repair of road and other civil structure in nearby villages	5.00
4. Infrastructure Development	Street Lights (conventional)	Solar street light installation at required points	5.00
	Grand Total		10.00
	5		
5. Social Empowerment	Support to old age/ Widow/ physically challenged person / poor	Support to old age home/ child care home	1.00
5. Social Empowerment	Community awareness program	Session on Water conservation with school students and Session on pollution- health (environment) awareness with school students	0.50
5. Social Empowerment	Support with basic necessities (Blankets..)	Distribution of Woollen Blankets	5.00
5. Social Empowerment	Training to promote rural sports, nationally recognised sports, Olympic Sports	Promotion of rural sports like Kabaddi, archery, kho kho, etc	2.50
	Grand Total		9.00
	6		
6. Others (including building up of CSR capacities)	Others (Please specify) -	Others - May include development of a model village	3.00
	Grand Total		3.00
(Grand Total Of 1 to 6)			70.25

CSR PLAN | Bara Cement Works | FY - 2024 - 25

Sector	Project Activities	Project Planning	Budget (in lacks)
	1		
1. Education and Capability Enhancement	Scholarship (Merit and Need based assistance)	Provide Scholarship to meritorious students	1.00
1. Education and Capability Enhancement	Buildings, Civil structures & Furnitures (renovation and maintainance)	Renovation of Schools building & provide furnitures for Government middle & primary schools	8.00
	Grand Total		9.00
	2		
2. Health Care	General Health camps & Eye camps	Eye check up camp and cataract Surgery camps in phased manner	4.00
2. Health Care	Buildings and Civil structures(renovation and maintainance of PHC/ CHC)	Support to PHC/ CHC/ Sub-Centre (5 in a year)	10.00
2. Health Care	Drinking water new sources (Handpump/RO/Water Tank/well)	Regular water supply through tankers	6.00
2. Health Care	Drinking water existing sources (operation/maintainance)	Repairing of handpumps/ borewell - 10 nos.	2.00
	Grand Total		22.00
	3		
3. Sustainable Livelihood	Agriculture & Horticulture training programme/ Farmers group	Training to farmers on advanced agricultural skills for building FPOs in collaboration with Krishi Vikas Kendra	0.50
3. Sustainable Livelihood	Treatment and vaccination	Veterinary camp for enhancing farmers' income	0.55
3. Sustainable Livelihood	Water conservation and harvesting(smallstructures/ bigger structures)	Construction of a water shed management in a nearby village and Rainwater harvesting/ Check-dam project/ Construction/ deepening of pond	5.00
3. Sustainable Livelihood	Skill development	Train 200 youths on topics of Skill India (covering 50 youths in a batch) and conduct 1 batch every quarter	8.00
	Grand Total		14.05
	4		
4. Infrastructure Development	Repair Roads/Culverts/Bridges/Bus Stands	Repair of road and other civil structure in nearby villages	10.00
4. Infrastructure Development	Street Lights (conventional)	Solar street light installation at required points	3.00
	Grand Total		13.00
	5		
5. Social Empowerment	Support to old age/ Widow/ physically challenged person / poor	Support to old age home/ child care home	1.00
5. Social Empowerment	Community awareness program	Session on Water conservation with school students and Session on pollution- health (environment) awareness with school students	0.50
5. Social Empowerment	Support with basic necessities (Blankets..)	Distribution of Woollen Blankets	4.00
5. Social Empowerment	Training to promote rural sports, nationally recognised sports, Olympic Sports	Promotion of rural sports like Kabaddi, archery, kho kho, etc	3.00
	Grand Total		8.50
	6		
6. Protection of Heritage / Art / Culture	Support to Promotion of Traditional cultural program for protection of heritage / Art / Culture	Promotion of cultural heritage/ tourism in the District	3.00
	Grand Total		3.00
	7		
7. Others (including building up of CSR capacities)	Others (Please specify) - Hiring of CSR vehicle	Others - Unplanned works - government institutional support	3.00
	Grand Total		3.00
(Grand Total Of 1 to 7)			72.55

ANNEXURE-10

**RELEVANT PAGES OF ANNUAL
REPORT OF COMPANY FOR FY-
2021-22**

**NEW AGE.
NEW PARADIGMS.
NEW IDEAS.**



INTEGRATED ANNUAL REPORT
2021-22
UltraTech Cement Limited
BIG IN YOUR LIFE

ANNUAL REPORT ON CSR ACTIVITIES

[Pursuant to Section 135 of the Companies Act, 2013 read with Companies (Corporate Social Responsibility Policy) Rules, 2014, as amended]

1. Brief outline on CSR Policy of the Company

The Company is actively contributing to the social and economic development of the communities in which it operates. The Company is doing so in sync with the United Nations Sustainable Development Goals to build a better, sustainable way of life for the weaker sections of society and raise the country's human development index.

The Company's Corporate Social Responsibility ("CSR") policy conforms to the National Voluntary Guidelines on Social, Environment and Economic Responsibilities of Business released by the Ministry of Corporate Affairs, Government of India.

Scope

The CSR Policy encompasses Formulation, Implementation, Monitoring, Evaluation, Documentation and Reporting of CSR activities taken up by the Company.

2. Composition of CSR Committee

Sl. No.	Name of Director	Designation / Nature of Directorship	Number of meetings of CSR Committee held during the year	Number of meetings of CSR Committee attended during the year
1	Mrs. Rajashree Birla	Chairperson	1	1
2	Mrs. Sukanya Kripalu	Independent Director	1	1
3	Mr. K. C. Jhanwar	Managing Director	1	1

Permanent Invitee: Dr. (Mrs.) Pragnya Ram, Group Executive President, CSR, Legacy, Documentation & Archives

3. Provide the web-link where Composition of CSR committee, CSR Policy and CSR projects approved by the board are disclosed on the website of the Company

Composition of CSR Committee: <https://www.ultratechcement.com/about-us/board-committees>

CSR Policy and CSR Projects: <https://www.ultratechcement.com/investors/corporate-governance#policies>

4. Provide the details of Impact assessment of CSR projects carried out in pursuance of sub-rule (3) of rule 8 of the Companies (Corporate Social Responsibility Policy) Rules, 2014, if applicable (attach the report)

The Company has been voluntarily conducting impact assessments through Independent Agencies to screen and evaluate select CSR programs. The Company takes cognisance of sub-rule 3 of rule 8 of the Companies (Corporate Social Responsibility Policy) Rules, 2014 and shall initiate steps to conduct impact assessment of all applicable CSR projects.

5. Details of the amount available for set off in pursuance of sub-rule (3) of rule 7 of the Companies (Corporate Social Responsibility Policy) Rules, 2014 and amount required for set off for the financial year, if any

Sl. No.	Financial Year	Amount available for set-off from preceding financial years (₹ in crores)	Amount required to be set-off for the financial year, if any (₹ in crores)
1	2021-22	46.96	6.60

6. Average net profit of the company as per section 135(5): ₹ 5,149 crores

7. (a)	Two percent of average net profit of the company as per section 135(5)	: ₹ 103 crores
(b)	Surplus arising out of the CSR projects or programmes or activities of the previous financial years	: Nil
(c)	Amount required to be set off for the financial year, if any	: ₹ 6.60 crores
(d)	Total CSR obligation for the financial year (7a+7b-7c).	: ₹ 96.40 crores

8. (a) CSR amount spent or unspent for the financial year:

Total Amount Spent for the Financial Year (₹ in crore)	Amount Unspent (₹ in crore)				
	Total Amount transferred to Unspent CSR Account as per section 135(6)		Amount transferred to any fund specified under Schedule VII as per second proviso to section 135(5)		
	Amount	Date of transfer	Name of the Fund	Amount	Date of transfer
96.40	-	-	-	-	-

b) Details of CSR amount spent against ongoing projects for the financial year:

1	2	3	4	5	6	7	8	9	10	11		
Sl. No.	Name of the Project	Item from the list of activities in Schedule VII to the Act	Local area (Yes/No)	Location of the project		Project duration	Amount allocated for the project (₹ in crores)	Amount spent in the current financial Year (₹ in crores)	Amount transferred to Unspent CSR Account for the project as per Section 135(6) (₹ in crores)	Mode of Implementation - Direct (Yes/No).	Mode of Implementation - Through Implementing Agency	
				State	District						Name	CSR Registration number
-	-	-	-	-	-	-	-	-	-	-	-	-

c) Details of CSR amount spent against other than ongoing projects for the financial year:

1	2	3	4	5	6	7	8		
Sl. No.	Name of the Project	Item from the list of activities in Schedule VII to the Act	Local area (Yes/No).	Location of the project		Amount spent for the project (₹ in crores)	Mode of Implementation - Direct (Yes/No)	Mode of Implementation - Through Implementing Agency	
				State	District			Name	CSR Registration number
1	Preschool education project Anganwadies / playschools/ crèches, strengthening Anganwadi Centre	(ii)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Jhalawar, Baran, Sirohi, Pali	0.92	Both (Direct and through Implementing agency)	UltraTech Community Welfare Foundation ("UCWF")	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	BalodaBazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				

1	2	3	4	5		6	7	8	
Sl. No.	Name of the Project	Item from the list of activities in Schedule VII to the Act	Local area (Yes/No).	Location of the project		Amount spent for the project (₹ in crores)	Mode of Implementation-Direct (Yes/No)	Mode of Implementation - Through Implementing Agency	
				State	District			Name	CSR Registration number
1	School Education Program Enrollment awareness programs/ event, Formal schools outside campus (Company run), Education Material (Study materials, Uniform, Books etc), Scholarship (merit and need based assistance), School competitions / best teacher award, cultural events, quality of education (support teachers, Improve education methods), specialised coaching, exposure visits / awareness, formal schools inside campus, Support to Midday Meal Project	(ii)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	28.08	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
2	Education support programs Knowledge centre and library, adult and non formal education, celebration of national days / International days, computer education, reducing drop-out and continuing education (Kasturba balika/ bridge courses / counseling), Career counseling and orientation.	(ii)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	1.20	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
3	Vocational and Technical Education Strengthening ITI's, skills based individual training program	(ii)	Yes	Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi,	5.55	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Gujarat	Amreli, Bhuj				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Uttar Pradesh	Sonebhadra				

1	2	3	4	5		6	7	8	
Sl. No.	Name of the Project	Item from the list of activities in Schedule VII to the Act	Local area (Yes/No).	Location of the project		Amount spent for the project (₹ in crores)	Mode of Implementation-Direct (Yes/No)	Mode of Implementation - Through Implementing Agency	
				State	District			Name	CSR Registration number
1	School Infrastructure Buildings and civil structures (new), buildings and civil structures (renovation and maintenance), school sanitation / drinking water, school facilities & fixtures (furniture/blackboards/ computers)	(ii)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	4.29	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	BalodaBazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
				West Bengal	Hoogly, Bolpur				
				Odisha	Jharsuguda				
				Haryana	Jhajjar, Panipat				
2	Preventive Health Care Immunisation, Pulse polio immunisation, Health Check- up camps, Ambulance Mobile Dispensary Program, Malaria / Diarrhoea / Control programs, Health & Hygiene awareness programs, School health / Eye / Dental camps, Yoga / fitness classes	(i)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	2.81	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
3	Curative Health Care General Health camps, Specialised Health Camps, Eye camps, Treatment Camps (Skin, cleft,etc.), Cleft camp, Homeopathic / Ayurvedic Camps, Surgical camps, Tuberculosis / Leprosy Company operated hospitals/ dispensaries / clinic.	(i)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	23.74	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
4	Reproductive and Child Health Mother and child health care (ante natal care, pre natal care and neonatal care), adolescent health care, infant and child health (Healthy baby competition), support to family planning / camps, nutritional programs for mother/child.	(i)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	0.15	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur, Solapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				

1 Sl. No.	2 Name of the Project	3 Item from the list of activities in Schedule VII to the Act	4 Local area (Yes/No).	5 Location of the project		6 Amount spent for the project (₹ in crores)	7 Mode of Implementation-Direct (Yes/No)	8 Mode of Implementation - Through Implementing Agency	
				State	District			Name	CSR Registration number
	Quality/ Support Program Referral services treatment of BPL, old age or needy patient, HIV- AIDS Awareness Program, RTI/ STD Awareness Program, Support for differently abled, Ambulance services, Blood donation camps, blood grouping	(i)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	0.08	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
	Health Infrastructure Buildings and civil structures (new), buildings and civil structures (renovation and maintenance), village community sanitation (toilets/ drainage), individual toilets, drinking water new sources, (Hand pump/ RO/ Water Tank/ well), drinking water existing sources (operation/ maintenance), water source purification.	(i)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	4.00	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
3	Agriculture and Farm Based Agriculture & horticulture training program/ farmers group transfer of technology-demonstration plots, support for horticulture plots, seeds improvement program, support for improved agriculture equipment and inputs, Exposure visits / support for agricultural mela, integrated agricultural/ horticultural improvement program/ productivity improvement programs, soil health and organic farming.	(iv)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	0.28	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
	Animal Husbandry Based Treatment and vaccination, breed improvement productivity, improvement programs and training.	(iv)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	2.03	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				

1 Sl. No.	2 Name of the Project	3 Item from the list of activities in Schedule VII to the Act	4 Local area (Yes/No).	5 Location of the project		6 Amount spent for the project (₹ in crores)	7 Mode of Implementation-Direct (Yes/No)	8 Mode of Implementation - Through Implementing Agency	
				State	District			Name	CSR Registration number
	Non-farm & Skills Based Income generation program Capacity building program-Tailoring, Beauty Parlour, Mechanical, Rural Enterprise development & Income Generation Programs, Support to SHGs for entrepreneurial activities.	(iii) and (iv)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	0.70	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
	Natural Resource conservation programs & Non-conventional Energy Bio gas support program, Solar energy support and other energy support programs - (low smoke wood stoves / sky light), Plantation / Green Belt Development / Roadside Plantation, Soil conservation / Land improvement, Water conservation and harvesting (small structures/ bigger structures), Community Pasture Land Development / Orchard Development.	(iv)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	3.61	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				
	Livelihood Infrastructure	(iv)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	0.08	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
				Tamil Nadu	Arriyallur				

1 Sl. No.	2 Name of the Project	3 Item from the list of activities in Schedule VII to the Act	4 Local area (Yes/No).	5 Location of the project		6 Amount spent for the project (₹ in crores)	7 Mode of Implementation-Direct (Yes/No)	8 Mode of Implementation - Through Implementing Agency	
				State	District			Name	CSR Registration number
4	Rural Infrastructure Development other than for the purpose of health / education / livelihood New roads / culverts / bridges / bus stands, repair roads/ culverts / bridges / bus stands community halls / housing, other community assets and shelters. Support for repairing Roads / Culverts / Bridges / Community Halls / Street lights and other community infrastructure	(x)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	11.08	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur,				
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
Uttar Pradesh	Sonebhadra								
5	Promotion of culture/ sports Support to rural cultural program, festivals & melas support to rural sports.	(vii)	Yes	Rajasthan	Jodhpur, Nagaur, Jaipur, Chittorgarh, Sirohi, Pali	2.92	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Madhya Pradesh	Neemuch, Dhar, Rewa, Siddhi, Satna				
				Gujarat	Amreli, Bhuj				
				Maharashtra	Chandrapur				
	Institutional building & strengthening Strengthening / formation of community based organisation (SHGs), Support to development organisations, Oldage Home, Orphanage	(iii)	Yes	Maharashtra	Chandrapur	2.69	Both (Direct and through Implementing agency)	UCWF	CSR00006050
				Chhattisgarh	Baloda Bazaar, Raipur				
				Karnataka	Gulbarga				
				Andhra Pradesh	Kurnool, Anantapur				
				Himachal Pradesh	Solan				
				Uttar Pradesh	Sonebhadra				
Total						94.21			

d) Amount spent in Administrative Overheads: ₹ 2.19 crores

e) Amount spent on Impact Assessment, if applicable: NIL

f) Total amount spent for the Financial Year (8b+8c+8d+8e) : ₹ 96.40 crores

g) Excess amount for set off, if any

Sl. No.	Particular	Amount (₹ in crores)
i)	Two percent of average net profit of the company as per section 135(5)	103.00
ii)	Total amount spent for the Financial Year	96.40
iii)	Excess amount spent for the financial year [(i)-(ii)]	(6.60)
iv)	Surplus arising out of the CSR projects or programmes or activities of the previous financial years, if any	46.96
v)	Amount available for set off in succeeding financial years [(iii)-(iv)]	40.36

9. (a) Details of Unspent CSR amount for the preceding three financial years:

Sl. No.	Preceding Financial Year	Amount transferred to Unspent CSR Account under section 135 (6) (₹ in crores)	Amount spent in the reporting Financial Year (₹ in crores)	Amount transferred to any fund specified under Schedule VII as per section 135(6), if any			Amount remaining to be spent in succeeding financial years (₹ in crores)
				Name of the Fund	Amount (₹ in crores)	Date of transfer	
-	-	-	-	-	-	-	-

(b) Details of CSR amount spent in the financial year for ongoing projects of the preceding financial year(s):

1 Sl. No.	2 Project ID	3 Name of the Project	4 Financial Year in which the project was commenced	5 Project duration	6 Total amount allocated for the project (₹ in crores)	7 Amount spent on the project in the reporting Financial Year (₹ in crores)	8 Cumulative amount spent at the end of reporting Financial Year (₹ in crores)	9 Status of the project -Completed/ Ongoing
-	-	-	-	-	-	-	-	-

10. In case of creation or acquisition of capital asset, furnish the details relating to the asset so created or acquired through CSR spent in the financial year (asset-wise details)

(a) Date of creation or acquisition of the capital asset(s): None

(b) Amount of CSR spent for creation or acquisition of capital asset: Nil

(c) Details of the entity or public authority or beneficiary under whose name such capital asset is registered, their address etc.: Not Applicable

(d) Provide details of the capital asset(s) created or acquired (including complete address and location of the capital asset): Not Applicable

11. Specify the reason(s), if the company has failed to spend two per cent of the average net profit as per section 135(5): Not Applicable

Mumbai, 29th April, 2022

K. C. Jhanwar
Managing Director
(DIN: 01743559)

Rajashree Birla
Chairperson, CSR Committee
(DIN: 00022995)

715
ANNEXURE - C

153

CTO Compliances for reference Letter No.-

168342/UPPCB/Allahabad(UPPCBRO)/CTO/both/PRAYAGRAJ/2022, dated: 12/01/2023.

CCA is hereby granted to ULTRATECH CEMENT LIMITED located at Ultratech Cement Limited, Unit Bara Cement Works,P.O. Lohgara,Tehsil Bara, District Allahabad 212107 (Uttar Pradesh),ALLAHABAD,212107. Subject to the provisions of the Water Act, Air Act and the orders that may be made further and subject to following terms and conditions:-

<p>1. This CCA ULTRATECH CEMENT LIMITED granted for the period from 01/01/2023 to 31/12/2027 and valid for manufacturing of following products.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">S No</th> <th style="width: 20%;">Product</th> <th style="width: 15%;">Quantity</th> <th style="width: 15%;">Unit</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Cement</td> <td style="text-align: center;">4.0</td> <td>Million Tonnes/Year</td> </tr> </tbody> </table>	S No	Product	Quantity	Unit	1	Cement	4.0	Million Tonnes/Year	<p>Agreed & Complied aligned with aforesaid condition, Plant capacity is 4 MTPA ,production in FY22-23 is 2112937.11 which 50% of plant capacity.</p>
S No	Product	Quantity	Unit						
1	Cement	4.0	Million Tonnes/Year						
<p>2. Conditions under Water (Prevention and Control of Pollution) Act -1974 as amended :-</p> <p>(i) The daily quantity of effluent discharge (KLD) :-</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Kind of Effluent</th> <th style="width: 20%;">Quantity(KLD)</th> <th style="width: 20%;">Treatment facility</th> <th style="width: 15%;">Discharge point</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Domestic</td> <td style="text-align: center;">9.0 KLD</td> <td style="text-align: center;">Septic Tank</td> <td style="text-align: center;">Soak Pit</td> </tr> </tbody> </table>	Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point	Domestic	9.0 KLD	Septic Tank	Soak Pit	<p>Agreed & Complied aligned with aforesaid condition ,</p>
Kind of Effluent	Quantity(KLD)	Treatment facility	Discharge point						
Domestic	9.0 KLD	Septic Tank	Soak Pit						
<p>(ii) Trade Effluent Treatment and Disposal :-The applicant shall operate Effluent Treatment Plant consisting of primary/secondary and tertiary treatment as is required with reference to influent quantity and quality. In case of stoppage of functioning of ETP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately.</p>	<p>No Effluent is generated as Cement grinding is Dry Process & Zero Liquid discharge industry .Water is being used in cooling process which is recycled through Cooling tank in close loop system .</p>								
<p>(ii) The treated effluent shall be recycled to the maximum extent and should be reused within the premises for gardening etc. Quality of the treated effluent shall meet to the following general and specific standards as prescribed under Environment (Protection) Rules, 1986 and applicable to the unit from time-to-time :-</p> <p style="text-align: center;">Industrial Effluent Quality Standard</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">S.No.</th> <th style="width: 30%;">Parameter</th> <th style="width: 15%;">Standard</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	S.No.	Parameter	Standard				<p>Not applicable as no effluent is generated from our plant as Cement Grinding is dry process.</p>		
S.No.	Parameter	Standard							
<p>(iv) Sewage Treatment and Disposal :- The applicant shall provide comprehensive STP as is required with reference to influent quantity and quality.In case of stoppage of</p>	<p>Soak Pits/Septic tanks are being used for domestic Effluent.</p>								

functioning of STP, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately	Not applicable.																																	
(v) The treated sewage shall be reused in gardening as far as possible. The STP shall be maintained continuously so as to achieve the quality of the treated sewage to the following standards.	NA																																	
<table border="1" data-bbox="440 485 870 527"> <thead> <tr> <th>S.No.</th> <th>Parameter</th> <th>Standard</th> </tr> </thead> </table> <p>3. Conditions under Air (Prevention and Control of Pollution) Act -1981 as amended :- i) The applicant shall use following fuel and install a comprehensive control system consisting of control equipment as required with reference to generation of emissions and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards.</p> <p style="text-align: center;">Air Pollution Source Details</p> <table border="1" data-bbox="337 869 797 1041"> <thead> <tr> <th>S No.</th> <th>Air Pollution Source</th> <th>Type of fuel</th> <th>Stack no</th> <th>Control Device</th> <th>Height of Stack</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Ball Mill</td> <td></td> <td>01</td> <td>Particulate Matter</td> <td>55 meter high stack from GL and bag house filter.</td> </tr> <tr> <td>2</td> <td>Ball Mill</td> <td></td> <td>02</td> <td>Particulate Matter</td> <td>46 meter high stack from GL and bag house filter.</td> </tr> </tbody> </table> <p style="text-align: center;">Emission Quality Standards</p> <table border="1" data-bbox="337 1098 797 1184"> <thead> <tr> <th>S No.</th> <th>Stack no</th> <th>Parameters</th> <th>Standards</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>01</td> <td>Particulate Matter</td> <td>As per E(P) Act 1986.</td> </tr> <tr> <td>2</td> <td>02</td> <td>Particulate Matter</td> <td>As per E(P) Act 1986.</td> </tr> </tbody> </table> <p>In case of stoppage of functioning of air pollution control equipment, production has to be stopped immediately and this Board has to be intimated by fax/phone/email with a report in this regard to be dispatched immediately</p>	S.No.	Parameter	Standard	S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack	1	Ball Mill		01	Particulate Matter	55 meter high stack from GL and bag house filter.	2	Ball Mill		02	Particulate Matter	46 meter high stack from GL and bag house filter.	S No.	Stack no	Parameters	Standards	1	01	Particulate Matter	As per E(P) Act 1986.	2	02	Particulate Matter	As per E(P) Act 1986.	<p>Complied in line with aforesaid condition , No fuel is being used and 35 nos of bag filter 4 Nos of Bag house were installed for controlling and minimising the dust emission .list bag filters are attached annexure-3.</p> <p>Two stacks are installed as per E(P) Act 1986 which are connected through bag house and Emission data is being Monitored through CEMS(continuously) and manually by Isokinetic process on regular basis. Monitored data is attached in annexure-1</p>
S.No.	Parameter	Standard																																
S No.	Air Pollution Source	Type of fuel	Stack no	Control Device	Height of Stack																													
1	Ball Mill		01	Particulate Matter	55 meter high stack from GL and bag house filter.																													
2	Ball Mill		02	Particulate Matter	46 meter high stack from GL and bag house filter.																													
S No.	Stack no	Parameters	Standards																															
1	01	Particulate Matter	As per E(P) Act 1986.																															
2	02	Particulate Matter	As per E(P) Act 1986.																															
(ii) The unit will not use any type of restricted fuel.	Agreed																																	
<p>iii) Noise from the D.G. Set and other source(s) should be controlled by providing an acoustic enclosure as is required for meeting the ambient noise standards for night and day time as prescribed for respective areas/zones (Industrial, Commercial, Residential, Silence) which are as follows :- Day time : from 6.00 a.m. To 10.00 p.m., Night time: from 10.00 p.m. To 6.00 a.m.</p> <table border="1" data-bbox="277 1696 867 1822"> <thead> <tr> <th rowspan="2">Standards for Noise level in db(A) Leq</th> <th colspan="2">Industrial Area</th> <th colspan="2">Commercial Area</th> <th colspan="2">Residential Area</th> <th colspan="2">Silence Zone</th> </tr> <tr> <th>Day Time</th> <th>Night Time</th> <th>Day Time</th> <th>Night Time</th> <th>Day Time</th> <th>Night Time</th> <th>Day Time</th> <th>Night Time</th> </tr> </thead> <tbody> <tr> <td></td> <td>75</td> <td>70</td> <td>65</td> <td>55</td> <td>55</td> <td>45</td> <td>50</td> <td>40</td> </tr> </tbody> </table>	Standards for Noise level in db(A) Leq	Industrial Area		Commercial Area		Residential Area		Silence Zone		Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time		75	70	65	55	55	45	50	40	<p>Complied report is attached annexure-1</p>							
Standards for Noise level in db(A) Leq		Industrial Area		Commercial Area		Residential Area		Silence Zone																										
	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time	Day Time	Night Time																										
	75	70	65	55	55	45	50	40																										
4. Essential documents to be submitted by the Industry/Unit as Applicable :-	Complying																																	

(i) Environment Statement in Form-V of Environment (Protection) Rules, 1986. (ii) Quarterly compliance report of the CCA, photograph of ETP/apcs/Waste Storage Area.	Submitted report on time to UPPCB regional office Jhunshi, Prayagraj and head office Lucknow.
5. Competent Authority reserves the right to change/modify/add any time any condition of this CCA	Agreed
6. Unit has to comply with the following specific & general conditions. Non compliance of any provision of this CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 will results in legal action under the aforesaid Acts and Rules.	Agreed Complying all specific & general conditions. of CCA and provisions of the Water Act, Air Act and Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 .
7. In compliance to the G.O 1011/81-7-2021-09 (Writ)/2016 dated.13.10.2021 issued by Department of Environment, Forest and Climate Change, Uttar Pradesh. You are directed to develop Miyawaki Forest as per the SOP available at URL:- http://www.upecp.in/trainingsession.aspx for ensuring timely compliance of this direction, you are hereby directed to submit a bank guarantee with minimum validity of one year of the amount equivalent to the sum of initial consent fees (Air and Water) or Rs. 50,000/- (Rs. Fifty Thousand Only) whichever is more, within 30 days from the date of issuance of this certificate. In case of noncompliance of this direction, your consent will be revoked by the Board	Agreed & Complying Miyawaki System is implementing in 1500 sq. Meter area in our plant in FY23-24.
8. If the unit uses the ground water and requires the permission from SGWA/CGWA for water abstraction then the industry will have to obtain No objection certificate for abstraction of ground water. It will be the responsibility of the industry to comply with the various conditions of the NOC obtained from the competent authority and submit to the Board, within 3 months time failing which CTO will be revoked	Permission Granted By UPGWD. 1 PIEZOMETER with DLWR & 5 Nos. of Borewell are installed in the plant.

General Conditions: -

Condition	Compliance status
1. The applicant shall get analysed the samples of effluent/emission/hazardous wastes at least once in a three month from the laboratory	Complying by NABL and MoEF recognized lab emission monitoring report is attached in annexure-1

recognized by the MoEF and shall report to the UPPCB.	
2. The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit	Agreed Without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gases emission or sewage waste from the unit will be not done
3. Treated Industrial waste water and domestic waste water shall be disposed jointly at one disposal point. The applicant shall provide discharge measurement equipment at final disposal point	No Industrial waste water is generated . for domestic waste water septic tank is being used. Drainage is made for storm water discharge.
	
Dry drainage System	After rain
4. The applicant shall strictly comply with conditions of this CCA and submit compliance report of stipulated conditions within 30 days of receipt of this CCA. If at any point of time, it is found that the industry is not complying with stipulated conditions or any further direction/instruction issued by the Board, legal action shall be initiated against the applicant	Complied All CCA condition were fulfilled and complying by our unit prior information is being provided to concern authority on time basis (UPPCB)
5. The applicant shall maintain good house keeping. All valves/pipes/sewer/drains etc. Must be leak-proof	Complied For maintaining proper house keeping Men power , Sweeping machine is being deployed in every shift round o'clock



Sweeping Machine



Sweeping Machine

<p>6. The industry shall provide uninterrupted entry to the STP/ETP inlet and outlet points, Air Pollution Control equipment and stack for smooth sampling/monitoring of efficiency of pollution control systems.</p>	<p>Soak pit for domestic effluent is being used For smooth sampling/monitoring of efficiency access & approach is available at stacks</p>
<p>7. The industry shall provide Inspection Book at the time of inspection to the Board's officials</p>	<p>Agreed All records were maintained and compliance submitted to UPCB (Regional & Head office on time basis)</p>
<p>8. Whenever due to any accident or other unforeseen act or event, such emission occurs or is apprehended to occur in excess of standards laid down, such information shall be reported to the Board's offices and all other concerned offices. In case of failure of pollution control equipment, the production process connected to it shall be stopped with immediate effect.</p>	<p>Online monitoring system is available which is connected to UPPCB & CPCB .prior information is providing to concern authority</p>
<p>9. The industry shall operate in a manner so that all emissions be emitted through designated chimney/stack only.</p>	<p>Compiled all emissions be emitted through designated chimney/stack only.</p>
<p>10. In case of any damage to the agriculture productivity, human habitation etc. By the operation of industry, it shall be imperative to stop production in the industry with immediate effect and such information shall be reported to Board's offices. The industry shall be liable to pay compensation also in such cases as decided by the Competent Authority.</p>	<p>Agreed No agriculture and human habitation at near by site of plant . All protective measures are taken to control Environment pollution Like (APS system bag filter baghouse water sprinkling etc) covering of all transfer points .</p>

	
<p align="center">Closed Conveyor Belt</p>	<p align="center">Covered Cement & packing Plant</p>
	
<p align="center">Closed Clinker Silo</p>	<p align="center">Closed Transfer point With Bag filter</p>
<p>11. The applicant shall apply before the 60 days of expiry of CCA or any change in production types/ production capacity/manufacturing process/capacity enhancement etc. Or any change in effluent discharge point or emission point</p>	<p>Agreed Prior consent will be taken before expiry of the licence . Any deviation/change will be communicated to Authority well in advance manner after getting permission any alteration will be done .</p>
<p>12. The Board reserves the right to revoke/add/modify any stipulated condition issued along with CCA, as may be necessary.</p>	<p>Agreed</p>

Specific Conditions:-

Conditions	Compliance status
1. This consent is valid for production of Cement-4.0 (2x2) Million Ton/Year (Cement Grinding Unit) using Clinker, Fly Ash, Gypsum, Slag as raw material.	Agreed Aligned with afore condition For cement grinding Clinker, Fly Ash, Gypsum, Slag as raw material is being used, any change apart from that will be notify to concern authority .
2. Industry shall comply with the conditions of Environmental Clearance issued by moef& CC vide letter J11011/135/2012-IA II(I) dated 28-11-2014.	Agreed Complying with the conditions of Environmental Clearance issued by moef& CC vide letter J11011/135/2012-IA II(I) dated 28-11-2014. Submitting reports to moef & CC on half yearly basis.
3. Industry shall comply with the conditions of CTE issued by UPPCB vide letter no. F 59069/C-9/NOC244/2015 dated 16-04-2015.	Agreed CTE issued by UPPCB vide letter no. F 59069/C-9/NOC244/2015 dated 16-04-2015 complied.
4. Industry shall comply with the Ambient air quality standard 2009.	Agreed Ambient air quality standard 2009. Is being complied report is attached in annexure -1
5. The industry shall operate and maintain installed APCS in such a manner to achieve the emission standards as prescribed under Environment (Protection) Rules, 1986.	Complied 35 no. Bag filters 4 Nos of baghouse are installed .all the transfer point and conveyor belt is covered to avoid any emission . Regular maintenance of bag filters is being Done.
6. Industry shall operate and maintain water sprinkler to suppress dust inside the premises. Industry shall maintain proper housekeeping and proper dust control arrangement at loading and unloading areas.	Sweeping Machine Water tanker and Sprinkling system is being used for controlling the dust emission .
7. Industry has established Ambient Air Quality Monitoring Stations at 02 locations. Industry shall establish Ambient Air Quality Monitoring Stations at 01 more location at 120 degree apart from each other with connectivity to CPCB server within 06 months.	Continuous Ambient Air Quality Monitoring Stations at 02 locations installed. at 01 more location at 120 degree apart from each other with connectivity to CPCB server is started .



Ambient Air Quality Display at main Gate

<p>8. Industry shall install online continuous emission monitoring system and ensure its connectivity to CPCB server. Industry shall also calibrate installed OCEMS facility from recognized agency on six monthly basis</p>	<p>Installed online continuous emission monitoring system connected to CPCB server. Calibration of installed OCEMS facility is being done recognized agency on six monthly basis.</p>
<p>9. Fly Ash/Solid waste shall be disposed in such manner, so that no water, air and soil pollution takes place. Industry shall comply with provisions of Fly Ash notification no. S.O. 254(E) dated 25-01-2016 and submit the compliance report quarterly.</p>	<p>FLY ASH is being consumed for cement manufacturing .7 lacs MT fly ash utilised in this FY22-23 .We do not produce any flyash we consumed flyash from Prayagraj Power generation limited.</p>
<p>10. Industry and shall ensure the compliance of provisions of Noise Pollution (Regulation and Control) Rules 2000.</p>	<p>COMPLIED Noise pollution as per norms is being complied report is attached in annexure-1</p>
<p>11. Industry shall submit the Stack/Ambient Air monitoring report of NABL accredited laboratory with 01 Months and thereafter on quarterly basis to the Board.</p>	<p>COMPLIED Report is submitted</p>
<p>12. Industry shall comply with the provisions of Hazardous and Other waste (Management & Trans boundary Movement) Rules 2016.</p>	<p>COMPLIED Provisions of Hazardous and Other waste (Management & Trans boundary Movement) Rules 2016.- is being complied authorised vendor Bharat Oil is procuring waste oil and grease in category of 5.1 and 5.2</p>
<p>13. Industry shall install/maintain Electro Magnetic Flow meters at Water withdrawal source and logbook of its reading shall be maintained properly</p>	<p>COMPLIED Flow meters at Water withdrawal source and logbook of its reading shall maintained properly 1 piezometer with DWLD and 5 flowmeters with telemetry installed in the 5 borewell.log book is maintained.</p>

14. Industry shall treat domestic effluent through Septic tank/soak pit.	COMPLIED For domestic effluent Soak Pit is being used
15. Industry shall not discharge treated sewage water outside the industry premises.	Not applicable to us as Cement grinding is a dry process.
16. Industry shall obtain necessary permission from UPGWA for withdrawal of ground water and shall install rain water harvesting system as per design of Ground Water Authority.	Permission granted by UPGWD Installed rain water harvesting system as per design of Ground Water Authority.
17. Industry shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com.	Due heavy rainfall in the month of August 2021, the green belt plantation was destroyed. The rainfall was to the extent of 1275 mm and was the highest rainfall recorded in the region, in a very long time. Further the area wherein the Grinding Unit is established is a low-lying area, therefore, water logging proved to be a big challenge in managing the survival rate of the green belt plantation. After that restoration process of green belt is going on till now Total 15775 saplings were planted inside plant premises ,Miyawaki system for plantation in 1500 square meter(45 meter length *36 meter width) is adopted by plant. In manson FY23-24 complete green belt implementation will be done. Annexure-2
18. Industry shall abide by directions given by Hon'ble Courts, moef&CC, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.	Agreed Abided by directions given by Hon'ble Courts, moef&CC, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time
19. Industry shall submit environmental statement in prescribed format as per rule 14 of Environment (Protection) Act, 1986.	Complied and submitted Environmental Statement vide our letter no UTCL/BARA/UPPCB/005/2022 Dated 23/09/2022.
20. Consent fees if revised, shall be payable by industry from the date of its applicability.	Agreed Consent fees if revised, shall be payable by Ultratech Bara Cement Works
21. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.	Agreed with aforesaid condition

22. Industry shall comply with the relevant provisions of Environmental Laws.	COMPLYING
---	-----------

Annexure-1



J.M. ENVIROLAB PVT. LTD.

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

164

Sample Number:	JME/BCW/A/01	Report No.:	JME/A/230404015
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No.:	7.5 F-02
		Party Reference No.	Nil
		Reporting Date	11/04/2023
Sample Description:	AMBIENT AIR QUALITY MONITORING	Receipt Date	06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Manager- Environment)
Sample collected by	JMEPL Team
Sampling Location	Factory Main gate (Near Weigh Bridge)
Latitude	25°12'01.22" N
Longitude	81°38'44.35" E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/44, JME/FPS/01/38
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	01/04/2023 To 02/04/2023
Time of Monitoring	09:18 to 09:10 Hrs.
Actual duration of Monitoring, (minutes)	1425.0
Ambient Temperature (°C)	Max 29°C, Min 17°C
Surrounding activity	Truck Movement
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	27.24	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	71.46	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	23.74	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	11.32	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.65	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)] [Part-II sec -3(i)] 16 11 2009

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Raikumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

727

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

165

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/A/02	Report No.:	JME/A/230604016
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No.:	7.5 F-02
		Party Reference No.	Nil
		Reporting Date	11/04/2023
Sample Description:	AMBIENT AIR QUALITY MONITORING	Receipt Date	06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Manager- Environment)
Sample collected by	JMEPL Team
Sampling Location	Near Gypsum Yard
Latitude	25°11'29.78" N
Longitude	81°38'47.17" E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/45, JME/FPS/01/39
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	01/04/2023 To 02/04/2023
Time of Monitoring	10:05 to 10:00 Hrs.
Actual duration of Monitoring, (minutes)	1430.0
Ambient Temperature (°C)	Max 29°C, Min 17°C
Surrounding activity	Trucks movement & Gypsum Yard Loading-Unloading
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	32.46	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	79.59	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	20.32	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	9.88	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.58	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards: Schedule-VII. [Rule 3 (3B)] [Part-II sec -3(i)] 16.11.2009

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

728

CIN No. U74220HR2011PTC085756

166

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/A/03 Report No.: JME/A/230604017
 Name & Address of Unit M/s. UltraTech Cement Limited Format No.: 7.5 F-02
 Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Party Reference No. Nil
 Reporting Date: 11/04/2023
 Sample Description: AMBIENT AIR QUALITY MONITORING Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Manager- Environment)
 Sample collected by JMEPL Team
 Sampling Location Near Packing Plant
 Latitude 25°11'45.10" N
 Longitude 81°38'45.20" E
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/44, JME/FPS/01/38
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 02/04/2023 To 03/04/2023
 Time of Monitoring 11:02 to 11:04 Hrs.
 Actual duration of Monitoring, (minutes) 1424.5
 Ambient Temperature (°C) Max 35°C, Min 18°C
 Surrounding activity Truck Loading & Packing process
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	34.18	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	88.67	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	23.64	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	9.72	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.60	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Ravi Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

167

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/A/04	Report No.:	JME/A/230604018
Name & Address of Unit	M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh	Format No.:	7.5 F-02
		Party Reference No	Nil
		Reporting Date	11/04/2023
Sample Description:	AMBIENT AIR QUALITY MONITORING	Receipt Date	06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Manager- Environment)
Sample collected by	JMEPL Team
Sampling Location	Near Cement Plant
Latitude	25°11'40.75" N
Longitude	81°38'46.52" E
Instrument used	RDS & FPS
Instrument code	JME/RDS/01/45, JME/FPS/01/39
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	02/04/2023 To 03/04/2023
Time of Monitoring	11:34 to 11:30 Hrs.
Actual duration of Monitoring, (minutes)	1410.1
Ambient Temperature (°C)	Max 34°C, Min 18°C
Surrounding activity	Cement Mill Running and Nr. by Transportation Road
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	33.46	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	69.19	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	19.62	µg/m ³	80
4.	Sulphur Dioxide	IS 5182, (P-2) 2017	9.18	µg/m ³	80
5.	Carbon Mono oxide	IS 5182, (P-10) 2019	0.57	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)] [Part-II sec -3(i)] 16.11.2009

End of Report

Aparna
Kumari Aparna
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

168

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/A/05 Report No.: JME/A/230604019
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No.: 7.5 F-02
 Party Reference No: Nil
 Reporting Date: 11/04/2023
 Receipt Date: 06/04/2023
 Sample Description: AMBIENT AIR QUALITY MONITORING

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Manager- Environment)
 Sample collected by JMEPL Team
 Sampling Location Lohgara Village
 Latitude --
 Longitude --
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/44, JME/FPS/01/38
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 03/04/2023 To 04/04/2023
 Time of Monitoring 12:05 to 12:10 Hrs.
 Actual duration of Monitoring, (minutes) 1324.5
 Ambient Temperature (°C) Max 35°C, Min 18°C
 Surrounding activity --
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24) 2019	30.32	µg/m ³	60
2.	PM10	IS:5182, (P-23) 2017	63.46	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	17.19	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	8.74	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.58	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 16.11.2009

End of Report

Kumari Anama
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

731

CIN No. U74220HR2011PTC085756

169

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/A/06 Report No.: JME/A/230604020
 Name & Address of Unit M/s. UltraTech Cement Limited Format No.: 7.5 F-02
 Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Party Reference No Nil
 Reporting Date 11/04/2023
 Sample Description: AMBIENT AIR QUALITY MONITORING Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Manager- Environment)
 Sample collected by JMEPL Team
 Sampling Location Bemara Village
 Latitude --
 Longitude --
 Instrument used RDS & FPS
 Instrument code JME/RDS/01/45, JME/FPS/01/39
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 03/04/2023 To 04/04/2023
 Time of Monitoring 13:19 to 12:55 Hrs.
 Actual duration of Monitoring, (minutes) 1240.6
 Ambient Temperature (°C) Max 35°C, Min 18°C
 Surrounding activity --
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	NAAQS
1.	PM2.5	IS:5182 (P-24): 2019	34.39	µg/m ³	60
2.	PM10	IS:5182, (P-23): 2017	63.19	µg/m ³	100
3.	Nitrogen Dioxide	IS: 5182, (P-6) 2018	19.72	µg/m ³	80
4.	Sulphur Dioxide	IS: 5182, (P-2) 2017	8.86	µg/m ³	80
5.	Carbon Mono oxide	IS: 5182, (P-10) 2019	0.56	mg/m ³	4

*NAAQS-National Ambient Air Quality Standards, Schedule-VII, [Rule 3 (3B)] [Part-II sec -3(i)] 16 11 2009

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rakumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



J.M. ENVIROLAB PVT. LTD.

170

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/AN/01 Report No.: JME/AN/230406015
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No.: 7.5 F-04
 Party Ref No.: Nil
 Reporting Date: 10/04/2023
 Sample Description: AMBIENT NOISE LEVEL MONITORING Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by	JMEPL Team
Sampling Location	Factory Main Gate (Near Weigh Bridge)
Latitude	25°12'01.22" N
Longitude	81° 38' 44.35" E
Date of Monitoring	01/04/2023 to 02/04/2023
Time of Monitoring	06:00 AM to 06:00 AM
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/13
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	Max 29°C, Min 17°C
Surrounding activity	Truck Movement
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	IS-9989
Actual duration of Monitoring, (minutes)	24 Hrs
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	IS-9989: 2014	72.2	71.6	dB(A)
2	Lmin	IS-9989: 2014	63.5	57.2	dB(A)
3	Leq	IS-9989: 2014	67.3	62.8	dB(A)
4	CPCB Limits in dB(A) Leq (Industrial area)	--	74	71	dB(A)
5	CPCB Limits in dB(A) Leq (Commercial area)	--	64	53	dB(A)
6	CPCB Limits in dB(A) Leq (Residential area)	--	54	44	dB(A)
7	CPCB Limits in dB(A) Leq (Silence area)	--	50	41	dB(A)

End of Report

Kumari Aparna
Tested by

Sita Ram Yadav
Checked by

Rakumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

733

CIN No. U74220HR2011PTC085756

171

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/AN/02** Report No.: **JME/AN/230406016**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **10/04/2023**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/04/2023**

General Information

Client Representative (Name & Designation) **Mr. Gopikisan Tiwari (Environment Officer)**
 Sample collected by **JMEPL Team**
 Sampling Location **Near Gypsum Yard**
 Latitude **25°11'29.78" N**
 Longitude **81°38'47.17" E**
 Date of Monitoring **01/04/2023 to 02/04/2023**
 Time of Monitoring **06:00 AM to 06:00 AM**
 Instrument used **Sound Level Meter**
 Instrument code **JME/SLM/01/14**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Cloudy Sky**
 Ambient Temperature (°C) **Max 29°C, Min 17°C**
 Surrounding activity **Trucks movement & Gypsum Yard Loading-Unloading**
 Scope of Monitoring **Regulatory Requirement**
 Control measure if any **--**
 Sampling & Analysis Protocol **IS-9989**
 Actual duration of Monitoring, (minutes) **24 Hrs**
 Parameter Required **As per work order**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1	Lmax	IS-9989 2014	68.8	62.7	dB(A)
2	Lmin	IS-9989 2014	61.4	45.8	dB(A)
3	Leq	IS-9989 2014	66.5	47.3	dB(A)
4	CPCB Limits in dB(A) Leq (Industrial area)	--	74	70	dB(A)
5	CPCB Limits in dB(A) Leq (Commercial area)	--	64	54	dB(A)
6	CPCB Limits in dB(A) Leq (Residential area)	--	54	44	dB(A)
7	CPCB Limits in dB(A) Leq (Silence area)	--	52	41	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rakumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

734

CIN No. U74220HR2011PTC085756

172

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/AN/03** Report No: **JME/AN/230406017**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No: **Nil**
 Reporting Date: **10/04/2023**
 Sample Description: **AMBIENT NOISE LEVEL MONITORING** Receipt Date: **06/04/2023**

General Information

Client Representative (Name & Designation) **Mr. Gopikisan Tiwari (Environment Officer)**
 Sample collected by **JMEPL Team**
 Sampling Location **Near Packing Plant**
 Latitude **25°11'45.10" N**
 Longitude **81°38'45.20" E**
 Date of Monitoring **02/04/2023 to 03/04/2023**
 Time of Monitoring **06:00 AM to 06:00 AM**
 Instrument used **Sound Level Meter**
 Instrument code **JME/SLM/01/13**
 Instrument calibration status **Calibrated**
 Meteorological condition during monitoring **Clear Sky**
 Ambient Temperature (°C) **Max 32°C, Min 18°C**
 Surrounding activity **Truck Loading & Packing process**
 Scope of Monitoring **Regulatory Requirement**
 Control measure if any **--**
 Sampling & Analysis Protocol **IS-9989**
 Actual duration of Monitoring, (minutes) **24 Hrs**
 Parameter Required **As per work order**

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989: 2014	73.8	62.6	dB(A)
2.	Lmin	IS-9989: 2014	68.8	50.9	dB(A)
3.	Leq	IS-9989: 2014	72.2	58.6	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	--	74	70	dB(A)
5.	CPCB Limits in dB(A) Leq (Commercial area)	--	66	54	dB(A)
6.	CPCB Limits in dB(A) Leq (Residential area)	--	54	45	dB(A)
7.	CPCB Limits in dB(A) Leq (Silence area)	--	50	42	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

735

CIN No. :U74220HR2011PTC085756

173

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/AN/04**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh**

Report No.: **JME/AN/230406018**
 Format No.: **7.5 F-04**
 Party Ref No: **Nil**
 Reporting Date: **10/04/2023**
 Receipt Date: **06/04/2023**

Sample Description: **AMBIENT NOISE LEVEL MONITORING**

General Information

Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Date of Monitoring
 Time of Monitoring
 Instrument used
 Instrument code
 Instrument calibration status
 Meteorological condition during monitoring
 Ambient Temperature (°C)
 Surrounding activity
 Scope of Monitoring
 Control measure if any
 Sampling & Analysis Protocol
 Actual duration of Monitoring, (minutes)
 Parameter Required

Mr. Gopikisan Tiwari (Environment Officer)
JMEPL Team
Near Cement Mill
25°11'40.75" N
81°38'46.52" E
02/04/2023 to 03/04/2023
06:00 AM to 06:00 AM
Sound Level Meter
JME/SLM/01/14
Calibrated
Clear Sky
Max 32°C, Min 18°C
Cement Mill Running and Nr.by Transportation Road
Regulatory Requirement
--
IS-9989
24 Hrs
As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)		Unit
			Day Time (06:00 AM to 10:00 PM)	Night Time (10:00 PM to 06:00 AM)	
1.	Lmax	IS-9989: 2014	71.8	68.2	dB(A)
2.	Lmin	IS-9989: 2014	64.2	57.5	dB(A)
3.	Leq	IS-9989: 2014	67.9	61.2	dB(A)
4.	CPCB Limits in dB(A) Leq (Industrial area)	--	74	70	dB(A)
5.	CPCB Limits in dB(A) Leq (Commercial area)	--	65	53	dB(A)
6.	CPCB Limits in dB(A) Leq (Residential area)	--	54	45	dB(A)
7.	CPCB Limits in dB(A) Leq (Silence area)	--	52	40	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

736

CIN No. U74220HR2011PTC085756

174

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/01 Report No.: JME/FD/230406001/N
 Name & Address of Unit: M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Format No.: 7.50 F-02 Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by	JMEPL Team
Sampling Location	Packing Plant
Latitude	25°11'45.10" N
Longitude	81°38'45.20" E
Instrument used	RDS
Instrument code	JME/RDS/01/08
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	01/04/2023 To 01/04/2023
Time of Monitoring	8:05 to 16:04 Hrs.
Actual duration of Monitoring, (minutes)	479.0
Ambient Temperature (0C)	Max 29°C, Min 17°C
Surrounding activity	Nearby Truck loading and Cement Packing processing
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	1985.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/02 Report No.: JME/FD/230406002/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by	JMEPL Team
Sampling Location	Cement Mill
Latitude	25°11'40.75" N
Longitude	81°38'46.52" E
Instrument used	RDS
Instrument code	JME/RDS/01/08
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	02/04/2023 To 02/04/2023
Time of Monitoring	09:45 to 18:41 Hrs.
Actual duration of Monitoring, (minutes)	476.0
Ambient Temperature (0C)	Max 32°C, Min 18°C
Surrounding activity	Cement Mill Running & Nr. by Plant Transportation Road
Control measure if Any	--
Sampling & Analysis Protocol	IS-5182
Parameter Required	Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	819.0	µg/m ³

End of Report


Kumari Anama
 Tested by


Sita Ram Yadav
 Checked by


Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/03 Report No.: JME/FD/230406003/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by JMEPL Team
 Sampling Location Gypsum Yard
 Latitude 25°11'29.77" N
 Longitude 81°38'47.17" E
 Instrument used RDS
 Instrument code JME/RDS/01/08
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 03/04/2023 To 03/04/2023
 Time of Monitoring 10:00 to 18:06 Hrs.
 Actual duration of Monitoring, (minutes) 486.0
 Ambient Temperature (OC) Max 35°C, Min 18°C
 Surrounding activity Cement Mill Running & Nr. by Plant Transportation Road
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	786.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

739

CIN No. U74220HR2011PTC085756

177

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/04 Report No.: JME/FD/230406004/N
 Name & Address of Unit: M/s. UltraTech Cement Limited Bara Cement Works (Grinding Unit) at Tehsil- Bara, District- Prayagraj, Uttar Pradesh Format No.: 7.50 F-02 Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by JMEPL Team
 Sampling Location Clinker Tippler
 Latitude 25°11'37.54" N
 Longitude 81°38'51.85" E
 Instrument used RDS
 Instrument code JME/RDS/01/12
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 04/04/2023 To 04/04/2023
 Time of Monitoring 11:00 to 18:05 Hrs.
 Actual duration of Monitoring, (minutes) 480.0
 Ambient Temperature (0C) Max 35°C, Min 21°C
 Surrounding activity Nr. By Truck Unloading and Tippler Running
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS-5182 (Part-4) 2019	669.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



740

J.M. ENVIROLAB PVT. LTD.

178

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/FD/05 Report No.: JME/FD/230406005/N
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Party Reference No. Nil
 Sample Description: FUGITIVE DUST EMISSION Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by JMEPL Team
 Sampling Location Packer Floor
 Latitude --
 Longitude --
 Instrument used RDS
 Instrument code JME/RDS/01/08
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Date of Monitoring 05/04/2023 To 05/04/2023
 Time of Monitoring 11:55 to 18:56 Hrs.
 Actual duration of Monitoring, (minutes) 480.0
 Ambient Temperature (0C) Max 36°C, Min 18°C
 Surrounding activity Nr. By Truck Unloading and Tippler Running
 Control measure if Any --
 Sampling & Analysis Protocol IS-5182
 Parameter Required Suspended Particulate Matter (SPM)

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit
1.	SPM	IS:5182 (Part-4) 2019	2083.0	µg/m ³

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

1. This test report has been at your request and test results pertain to the tested sample received.
2. This reports is for your reference only and not to be used for any legal purpose.
3. Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
4. Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
5. The sample will be destroyed after retention time unless otherwise specified specially.
6. Endorsement of the product tested by the laboratory is neither inferred nor implied.
7. Report shall not be reproduce except in full without approval of the laboratory.
8. All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



J.M. ENVIROLAB PVT. LTD.

741

179

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/PS/01** Report No.: **JME/PS/230316058**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **21/03/2023**
 Sample Description: **POINT SOURCE NOISE MONITORING** Receipt Date: **16/03/2023**

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by (Name & Designation)	JMEPL Team
Sampling Location	Cement Mill
Latitude	25° 11' 40.75" N
Longitude	81° 38' 46.52" E
Date of Monitoring	14/03/2023
Time of Monitoring	10:15 to 11:45 Hrs
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/14
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	33°C
Surrounding activity	Mill operation and vehicular activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	CPCB Guideline & IS-4758
Actual duration of Monitoring. (minutes)	30 Min.
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1.	Lmax	IS 4758: 1968	72.4	dB(A)
2.	Lmin	IS 4758: 1968	67.5	dB(A)
3.	Leq	IS 4758: 1968	70.6	dB(A)
4.	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

180

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/PS/02 Report No: JME/PS/230316059
 Name & Address of Unit: M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh Format No: 7.5 F-04
 Party Ref. No: Nil
 Reporting Date: 05/03/2023
 Sample Description: POINT SOURCE NOISE MONITORING Receipt Date: 02/04/2023

General Information

Client Representative (Name & Designation) Mr. Gopikisan Tiwari (Environment Officer)
 Sample collected by (Name & Designation) JMEPL Team
 Sampling Location Packing Plant
 Latitude 25° 11' 45.10" N
 Longitude 81° 38' 45.20" E
 Date of Monitoring 01/04/2023
 Time of Monitoring 12:25 to 12:55 Hrs.
 Instrument used Sound Level Meter
 Instrument code JME/SLM/01/13
 Instrument calibration status Calibrated
 Meteorological condition during monitoring Clear Sky
 Ambient Temperature (°C) 33°C
 Surrounding activity Mill operation and vehicular activities
 Scope of Monitoring Regulatory Requirement
 Control measure if any --
 Sampling & Analysis Protocol CPCB Guideline & IS-4758
 Actual duration of Monitoring, (minutes) 30 Min.
 Parameter Required As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1.	Lmax	IS 4758: 1968	75.8	dB(A)
2.	Lmin	IS 4758: 1968	71.8	dB(A)
3.	Leq	IS 4758: 1968	73.5	dB(A)
4.	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report

Kumari Aparna
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



743

J.M. ENVIROLAB PVT. LTD.

181

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: **JME/BCW/PS/03** Report No.: **JME/PS/230316060**
 Name & Address of Unit: **M/s. UltraTech Cement Limited
 Bara Cement Works (Grinding Unit)
 at Tehsil- Bara, District- Prayagraj,
 Uttar Pradesh** Format No.: **7.5 F-04**
 Party Ref. No.: **Nil**
 Reporting Date: **05/04/2023**
 Sample Description: **POINT SOURCE NOISE MONITORING** Receipt Date: **02/04/2023**

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by (Name & Designation)	JMEPL Team
Sampling Location	Clinker Tippler
Latitude	25° 11' 37.54" N
Longitude	81° 38' 51.85" E
Date of Monitoring	01/04/2023
Time of Monitoring	14:05 to 14:35 Hrs.
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/14
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	33°C
Surrounding activity	Mill operation and vehicular activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	CPCB Guideline & IS-4758
Actual duration of Monitoring, (minutes)	30 Min.
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1	Lmax	IS 4758 1968	64.7	dB(A)
2	Lmin	IS 4758 1968	61.3	dB(A)
3	Leq	IS 4758: 1968	64.0	dB(A)
4	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report

Kumari Anurupa
 Tested by

Sita Ram Yadav
 Checked by

Rajkumar Yadav
 Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

CIN No. U74220HR2011PTC085756

744

182

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/PS/04 Report No: JME/PS/230316061

Name & Address of Unit: M/s. UltraTech Cement Limited
Bara Cement Works (Grinding Unit)
at Tehsil- Bara, District- Prayagraj,
Uttar Pradesh Format No: 7.5 F-04

Party Ref No: Nil

Reporting Date: 05/04/2023

Sample Description: POINT SOURCE NOISE MONITORING Receipt Date: 02/04/2023

General Information

Client Representative (Name & Designation)	Mr. Gopikisan Tiwari (Environment Officer)
Sample collected by (Name & Designation)	JMEPL Team
Sampling Location	Gypsum Yard
Latitude	25° 11' 29.78" N
Longitude	81° 38' 47.17" E
Date of Monitoring	01/04/2023
Time of Monitoring	15:00 to 15:30Hrs
Instrument used	Sound Level Meter
Instrument code	JME/SLM/01/13
Instrument calibration status	Calibrated
Meteorological condition during monitoring	Clear Sky
Ambient Temperature (°C)	33°C
Surrounding activity	Mill operation and vehicular activities
Scope of Monitoring	Regulatory Requirement
Control measure if any	--
Sampling & Analysis Protocol	CPCB Guideline & IS-4758
Actual duration of Monitoring, (minutes)	30 Min.
Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Test Results dB (A)	Unit
1.	Lmax	IS 4758: 1968	68.2	dB(A)
2.	Lmin	IS 4758: 1968	61.5	dB(A)
3.	Leq	IS 4758: 1968	64.8	dB(A)
4.	The Noise Pollution (Regulation & Control) Rules 2000	--	85.0	dB(A)

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Rajkumar Satay
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

745

CIN No. U74220HR2011PTC085756

183

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108 Report No: JME/WE/230406001

Reporting Date: 11/04/2023

Sample Description: Work Environment Monitoring Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Environment Officer)

Sample collected by: JMEPL Team

Sampling Location: Weigh Bridge

Instrument Used: Handy Sampler

Date of Monitoring: 02/04/2023 to 02/04/2023

Time of Monitoring: 12:00 to 19:00 Hrs.

Actual duration of sampling, (minute): 420.0

Sampling Protocol: IS-9679

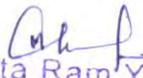
TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1.	Total Dust	mg/m ³	1.32	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



746

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

184

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: M/s. UltraTech Cement Limited
(Unit: Bara Cement Works)
Tehsil- Bara, District- Prayagraj (UP)- 212108

Report No. JME/WE/230406002

Reporting Date 11/04/2023

Sample Description: Work Environment Monitoring

Receipt Date 06/04/2023

General Information

Client Representative (Name & Designation) : Mr. Gopikisan Tiwari (Environment Officer)

Sample collected by : JMEPL Team

Sampling Location : Packing Plant

Instrument Used : Handy Sampler

Date of Monitoring : 03/04/2023 to 03/04/2023

Time of Monitoring : 11:45 to 18:40 Hrs.

Actual duration of sampling, (minute) : 475.0

Sampling Protocol : IS-9679

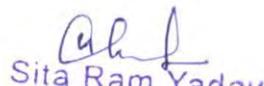
TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1	Total Dust	mg/m ³	1.57	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

185

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: **M/s. UltraTech Cement Limited
(Unit: Bara Cement Works)
Tehsil- Bara, District- Prayagraj (UP)- 212108** Report No.: **JME/WE/230406002**

Reporting Date: **11/04/2023**

Sample Description: **Work Environment Monitoring** Receipt Date: **06/04/2023**

General Information

Client Representative (Name & Designation) : **Mr. Gopikisan Tiwari (Environment Officer)**

Sample collected by : **JMEPL Team**

Sampling Location : **Clinker Tippler**

Instrument Used : **Handy Sampler**

Date of Monitoring : **04/04/2023 to 04/04/2023**

Time of Monitoring : **12:15 to 20:15 Hrs.**

Actual duration of sampling, (minute) : **480.0**

Sampling Protocol : **IS-9679**

TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1	Total Dust	mg/m ³	0.58	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report

Kumari Aparna
Kumari Aparna

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

186

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Name & Address of Unit: M/s. UltraTech Cement Limited
(Unit: Bara Cement Works)
Tehsil- Bara, District- Prayagraj (UP)- 212108

Report No: JME/WE/230406003

Reporting Date: 11/04/2023

Sample Description: Work Environment Monitoring

Receipt Date: 06/04/2023

General Information

Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Environment Officer)

Sample collected by: JMEPL Team

Sampling Location: Gypsum Yard

Instrument Used: Handy Sampler

Date of Monitoring: 05/04/2023 to 05/04/2023

Time of Monitoring: 11:00 to 19:00 Hrs.

Actual duration of sampling, (minute): 480.0

Sampling Protocol: IS-9679

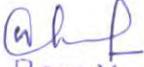
TEST RESULTS

S. No.	Parameter	Unit	Result	Testing Protocol	Limit as per Factory Act 1948 (TWA)
1.	Total Dust	mg/m ³	0.83	Gravimetric- by using Handy Sampler Envirotech	10

Note- TWA: Time-Weighted Average

End of Report


Kumari Aparna
Tested by


Sita Ram Yadav
Checked by


Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

187

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/01	Report No.:	JME/W/230406007
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Canteen R.O	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.35	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	124.7	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	27.0	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	128.8	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	156.3	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	13.91	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	332.5	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	49.2	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.16	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.24	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	BDL (DL 0.02)	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

750

CIN No. U74220HR2011PTC085756

188

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/01	Report No.:	JME/W/230406007/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Canteen R.O	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini

Tested by

Sita Ram Yadav

Checked by

Rajkumar Yadav
Authorized Signatory

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

189

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/02	Report No.:	JME/W/230406008
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Near CCR Kitchen	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.40	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	255.4	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	49.6	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	83.0	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	176.7	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	32.03	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	392.7	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	65.8	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.34	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	BDL (DL 0.05)	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.26	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Tested by

Checked by

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



752

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

190

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/02	Report No.:	JME/W/230406008/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Near CCR Kitchen	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report


 Ritika Saini

Tested by


 Sita Ram Yadav

Checked by


 Rajkumar Yadav

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.
 424, Ground Floor, Udyog Vihar,
 Phase-IV, Gurugram-122015 (Haryana)
 E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org
Corporate Office
 Emaar Digital Greens, Tower-B, Unit No.1517,
 Golf Course Ext. Road, Sector-61,
 Gurugram-122011(Haryana)



753

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

191

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/03	Report No.:	JME/W/230406009
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference:	NIL
Sample Location:	Canteen Tap Water	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.33	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	186.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	45.5	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	74.7	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	152.6	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	17.61	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	338.6	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	55.7	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.35	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.24	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.09	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini

Tested by

Sita Ram Yadav

Checked by

Rajkumar Yadav

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



J.M. ENVIROLAB PVT. LTD.

754

CIN No. U74220HR2011PTC085756

192

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/03	Report No.:	JME/W/230406009/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Tap)	Party Reference	NIL
Sample Location:	Canteen Tap Water	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Tested by

Sita Ram Yadav
Checked by

Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.com

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/04	Report No.:	JME/W/230406010
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-2	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.63	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO3	IS:3025 (Part-21), 2019	166.9	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	39.4	mg/l	75	200
8.	Alkalinity as CaCO3	IS:3025 (Part-23), 2019	241.8	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	159.1	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	16.46	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	419.00	mg/l	500	2000
14.	Sulphate as SO4	IS:3025 (Part-24), 2019	25.73	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.41	mg/l	1	1.5
16.	Nitrate as NO3-N	IS:3025 (Part-34), 2019	1.66	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.07	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Jain
Ritika Jain
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This report is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduced except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

756

CIN No. U74220HR2011PTC085756

194

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/04	Report No.:	JME/W/230406010/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-2	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Tested by

Sita Ram Yadav
Checked by

Rajkumar Yadav
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



757

CIN No. U74220HR2011PTC085756

J.M. ENVIROLAB PVT. LTD.

195

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/05	Report No.:	JME/W/230406011
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-1	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status:	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.47	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	157.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	43.9	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	178.3	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	18.0	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	11.47	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	286.81	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	88.41	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D.2017	0.24	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.33	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.06	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

- Note:
- This test report has been at your request and test results pertain to the tested sample received.
 - This reports is for your reference only and not to be used for any legal purpose.
 - Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
 - Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
 - The sample will be destroyed after retention time unless otherwise specified specially.
 - Endorsement of the product tested by the laboratory is neither inferred nor implied.
 - Report shall not be reproduce except in full without approval of the laboratory.
 - All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

758

CIN No. U74220HR2011PTC085756

196

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/05	Report No.:	JME/W/230406011/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Ground)	Party Reference:	NIL
Sample Location:	Borewell No-1	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by:	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rakumar Yadav
Rakumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

759

CIN No. U74220HR2011PTC085756

197

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/06	Report No.:	JME/W/230406012
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Packing Plant	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity	2.0 liter
		Packing Status	Temporary Sealed
		Parameter Required	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.51	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	161.2	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	38.2	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	147.1	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	27.4	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	15.97	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	305.15	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	27.75	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.30	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	0.91	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.12	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Rajendra Yadav
Rajendra Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.**760**

CIN No. U74220HR2011PTC085756

198

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/06	Report No.:	JME/W/230406012/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Packing Plant	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required :	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

****End of Report****

Ritika Saini
Ritika Saini
Tested by

Sita Ram Yadav
Sita Ram Yadav
Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvironet.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



J.M. ENVIROLAB PVT. LTD. 199

25 years of success

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number: JME/BCW/W/07
 Name & Address of Unit: M/s. UltraTech Cement Limited
 (Unit: Bara Cement Works)
 Tehsil- Bara, District- Prayagraj (UP)- 212108
 Sample Description: Water (Drinking)
 Sample Location: Near Main Gate
 Client Representative (Name & Designation): Mr. Gopikisan Tiwari (Manager Env.)
 Sample collected by: JMEPL Team
 Latitude : --
 Longitude : --
 Protocol Used : IS:3025 & APHA 23rd Edition 2017

Report No.: JME/W/230406013
 Format No.: 7.5 F-01
 Party Reference: NIL
 Reporting Date: 10/04/2023
 Receipt Date: 06/04/2023
 Sampling Date: 04/04/2023
 Preservation: Refrigerated
 Sampling Type: Grab
 Sample Quantity: 2.0 liter
 Packing Status: Temporary Sealed
 Parameter Required: As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11), 2017	7.50	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4), 2017	BDL(DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10), 2017	BDL(DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5), 2018	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8), 2017	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21), 2019	184.7	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40), 2019	41.8	mg/l	75	200
8.	Alkalinity as CaCO ₃	IS:3025 (Part-23), 2019	224.3	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32), 2019	20.7	mg/l	250	1000
10.	Residual free Chlorine	IS:3025 (Part-26), 2019	BDL(DL 0.20)	mg/l	0.2	1.0
11.	Cyanide as CN	IS:3025 (Part-27), 2019	BDL(DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium as Mg	IS:3025 (Part-46), 2019	19.41	mg/l	30	100
13.	Total Dissolved Solids	IS:3025 (Part-16), 2017	284.09	mg/l	500	2000
14.	Sulphate as SO ₄	IS:3025 (Part-24), 2019	30.47	mg/l	200	400
15.	Fluoride as F	APHA 23rd Edition, 4500-F- D:2017	0.35	mg/l	1	1.5
16.	Nitrate as NO ₃ -N	IS:3025 (Part-34), 2019	1.13	mg/l	45	No Relaxation
17.	Iron as Fe	IS:3025 (Part-53), 2019	0.18	mg/l	1	No Relaxation
18.	Arsenic as As	IS:3025 (Part-37), 2019	BDL (DL 0.002)	mg/l	0.01	No Relaxation

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Rajkumar Yadav
Rajkumar Yadav
Authorized Signatory

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)



25 years of success

J.M. ENVIROLAB PVT. LTD.

200

Approved from MoEF&CC & Certified - ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

TEST REPORT

Sample Number:	JME/BCW/W/07	Report No.:	JME/W/230406013/N
Name & Address of Unit:	M/s. UltraTech Cement Limited (Unit: Bara Cement Works) Tehsil- Bara, District- Prayagraj (UP)- 212108	Format No.:	7.5 F-01
Sample Description:	Water (Drinking)	Party Reference:	NIL
Sample Location:	Near Main Gate	Reporting Date:	10/04/2023
Client Representative (Name & Designation):	Mr. Gopikisan Tiwari (Manager Env.)	Receipt Date:	06/04/2023
Sample collected by	JMEPL Team	Sampling Date:	04/04/2023
Latitude :	--	Preservation:	Refrigerated
Longitude :	--	Sampling Type:	Grab
Protocol Used :	IS:3025 & APHA 23rd Edition 2017	Sample Quantity:	2.0 liter
		Packing Status :	Temporary Sealed
		Parameter Required:	As per work order

TEST RESULTS

S. No.	Parameters	Testing Protocol	Result	Unit	Specification as per IS 10500- 2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	Fecal coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	--	--
2.	Total coliform	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--
3.	E. coli	IS:1622-1981 (Reaff 2019)	Absent	MPN/100ml	Absent	--

Note: BDL – Below Detection Limit, DL - Detection Limit

End of Report

Ritika Saini
Ritika Saini

Tested by

Sita Ram Yadav
Sita Ram Yadav

Checked by

Raj Kumar Yadav
Raj Kumar Yadav
Authorized Signatory

Authorized Signatory

Note:

- This test report has been at your request and test results pertain to the tested sample received.
- This reports is for your reference only and not to be used for any legal purpose.
- Any discrepancy in the test report or any remarks regarding the test results shall be brought to our knowledge within 7 days of the issue of this report.
- Total liability or any claim in case of dispute is limited to the invoice raised by the laboratory.
- The sample will be destroyed after retention time unless otherwise specified specially.
- Endorsement of the product tested by the laboratory is neither inferred nor implied.
- Report shall not be reproduce except in full without approval of the laboratory.
- All disputes are subject to exclusive jurisdiction of Jaipur court only.

Reg. Office & Lab.

424, Ground Floor, Udyog Vihar,
Phase-IV, Gurugram-122015 (Haryana)
E-mail: jmenvirolab@hotmail.com | www.jmenvirolab.org

Corporate Office

Emaar Digital Greens, Tower-B, Unit No.1517,
Golf Course Ext. Road, Sector-61,
Gurugram-122011(Haryana)

Annexure-2

Details of Green Belt Development Plan

UltraTech Cement Limited
Unit: Bara Cement Works

Date: 31.03.2023

Plantation Report & PLAN:

Details of Green Belt Development					
Si. No.	Month	Area Location	Plant Species		Total numbers
1	FY19-20	Plant Premises	Sapling	Nos.	14500
			Neem	1000	
			Sheesham	1000	
			Arjun	1000	
			Karanj	1000	
			Pakad	1000	
			Jamun	1000	
			Peepal	1000	
			Amrood	1000	
			Amala	1000	
			Aaam	500	
			Casia Semia	1000	
			Chitwan	1000	
			Amaltas	1000	
			Kadamb	1000	
2	FY20-21	Plant Premises	Neem Tree	300	4000
			Sheesham	200	
			Arjun	200	
			Karanj	200	
			Pakad	200	
			Jamun	100	
			Sagaun TREE	1,700	
			Casia Samia	100	
			Amarood	100	
			Mango	100	
			Chitwan Tree	100	
			Amaltas Tree	100	
			Kadamb Tree	100	
			Ashok Tree	200	
			Mixed Fruit	200	
Maulshree	300				
3	FY 21-22	Plant Premises	Jamun	500	4000
			Amarood	500	
			Mango	500	
			Mixed Fruit	500	
			katahal	200	
			Amala	200	

4	FY22-23	Plant Premises	1675 mango ashok sheesham cornocorpurs, karanj ,kadamb ,nibu,bottle palm etc) sapling planted	11775	11775
5	FY23-24	Plant Premises	1500 sq meter area will be developed by using MIYAWAKI system. Remaining area will be developed as green belt by this year	Work is under process	1000
		Completion of 33% plantation in coming monsoon June-sep 2023	NEEM	500	4000
			KADAMB	500	
			AMALTAS	500	
			MANGO	1000	
			KARANJ, SHEESHAM	500	
			ARJUN MAULSHREE	500	
			LOCAL SPECIES	500	

Note: Because of Project work & flood & Water logging Survival rate was very Less up to 30% in FY22-23 plants survival is more than 80%.

Annexure-3

Cement Mill Bag filter details- Bara Cement Works			
SN	TAG No.	Location	Capacity (M3/Hr)
1	491BF2	Truck Tippler-1	25000
2	491BF3	Truck Tippler-2	25000
3	491BF4	Clinker transport	9000
4	491BF7	Clinker Silo	18000
5	511BF1	Clinker Silo extraction belt discharge	18000
6	511 BF2	Clinker Hopper top	10000
7	512BF1	Clinker Hopper top	10000
8	K31 BF3	Gypsum Hopper	6500
9	K32BF1	Gypsum Hopper	6500
10	532BF1	Weigh Feeder discharge Bag Filter	18000
11	542BF1	RP Recirculation	14000
12	542BF2	Roller Press	35000
13	542BF3	Roller Press	25000
14	552BF1	Roller Press-2 Aux.	8500
15	582BF1	Seperator Bag Filter	76000
16	592BF1	Cement Transport to Silo-2	8500
17	592BF4	Cement Silo Top	8500
18	562BF1	Mill Vent Bag Filter	80000
19	572BF1	Mill Recirculation Bag Fiter	8500
20	K42BF1	Fly Ash Silo Top	20000

[Handwritten signature]

[Handwritten signature]

SN	TAG No.	Location	Capacity (M3/Hr)
21	K72FB1	Fly Ash Bin	8500
22	K72BF2	Fly ash Feed	5000
23	611 BF1	Cement Silo Extraction Bin	15000
24	641 BF1	Packer-1	36000
25	641 BF2	Packer-1	15000
26	642 BF1	Packer-2	36000
27	642 BF2	Packer-2	15000
28	643 BF1	Packer-3	36000
29	643 BF2	Packer-3	15000
30	644 BF1	Packer-4	36000
31	644 BF2	Packer-4	15000
32	645 BF1	Packer-5	36000
33	645 BF2	Packer-5	15000
34	646 BF1	Packer-6	36000
35	646 BF2	Packer-6	15000


 Ultratech Cement Limited
 (Unit: Bara Cement Works)
 Post-Lohgara, Tahsil-Bara
 Distt-Prayagraj, UP-21210



From: Deepak Singh
Sent: 15 May 2023 11:19 AM
To: Consultant Judicial-NGT(P.B.) <judicial-ngt@gov.in>
Cc: jesalw@gmail.com; 'arvindkumar2003@gmail.com' <arvindkumar2003@gmail.com>; 'shri.venkatesh@skvlawoffices.com' <shri.venkatesh@skvlawoffices.com>; Vanita Bhargava <vanita.bhargava@khaitanco.com>; Shantanu Chaturvedi <shantanu.chaturvedi@khaitanco.com>
Subject: OA No. 617 of 2022 - Pushpender vs State of UP & Ors

Dear Sir/ Madam

Please find attached Additional Affidavit on behalf of the Respondent No. 5 in the aforesaid matter for your reference and record.

Regards

Deepak Singh
(Court Clerk)
KHAITAN & CO
9911180884